

INDIANA

SCHOOL TECH PLAN

2017



Directory (Page 2) has links to each section
State graphic on each page links back to directory



Bandwidth



Devices

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SCHOOL TECH PLAN
2017



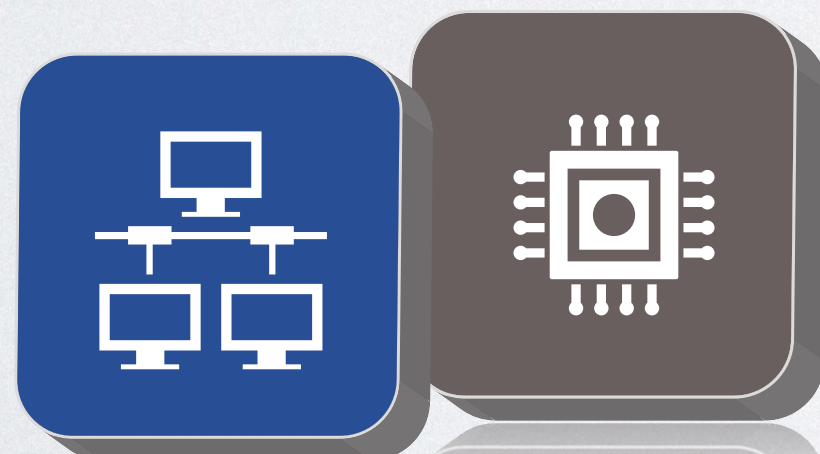
Social Media



Digital Content



Platforms



Infrastructure



Virtual Learning



Staffing



Bandwidth

INDIANA

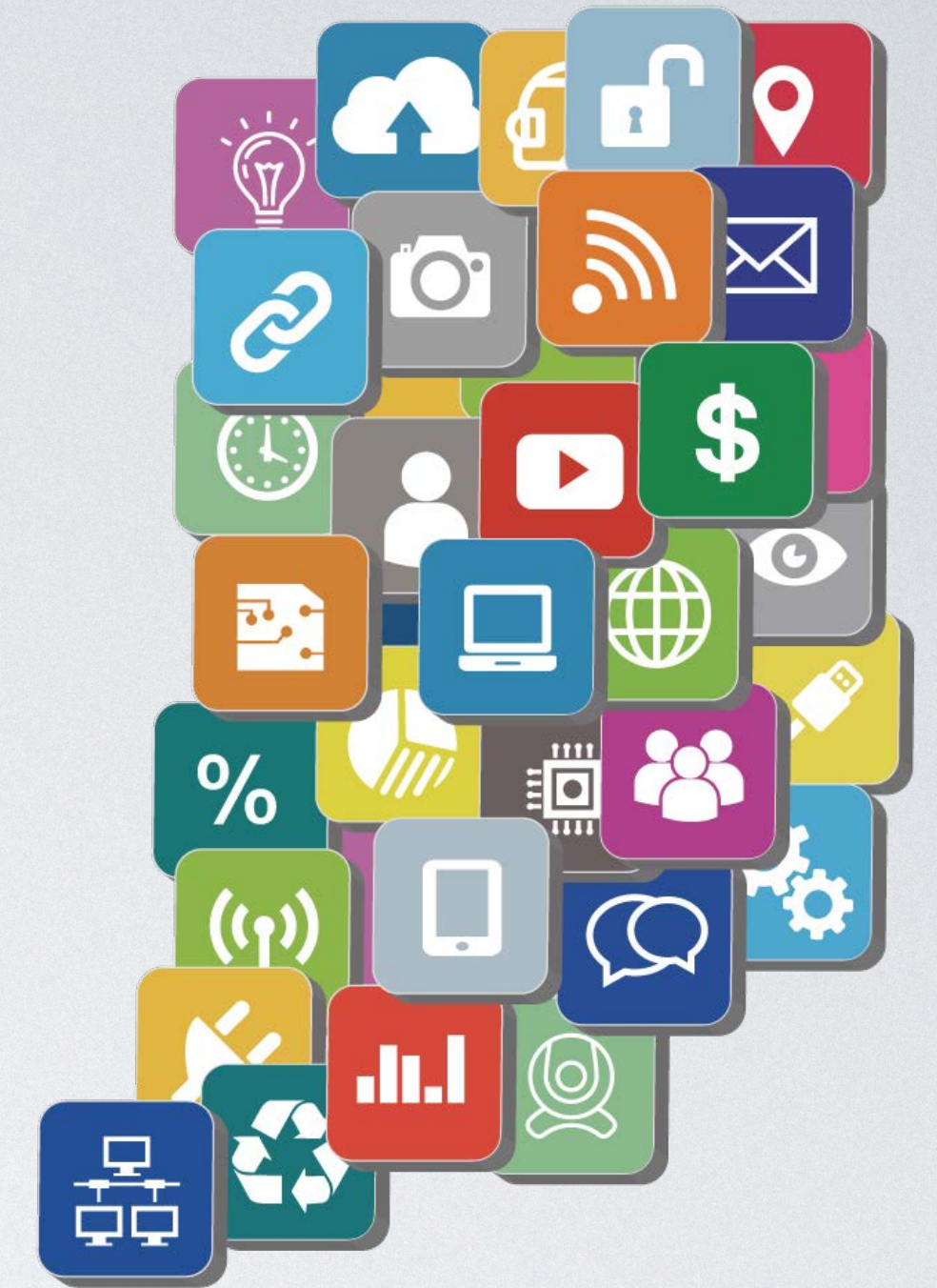
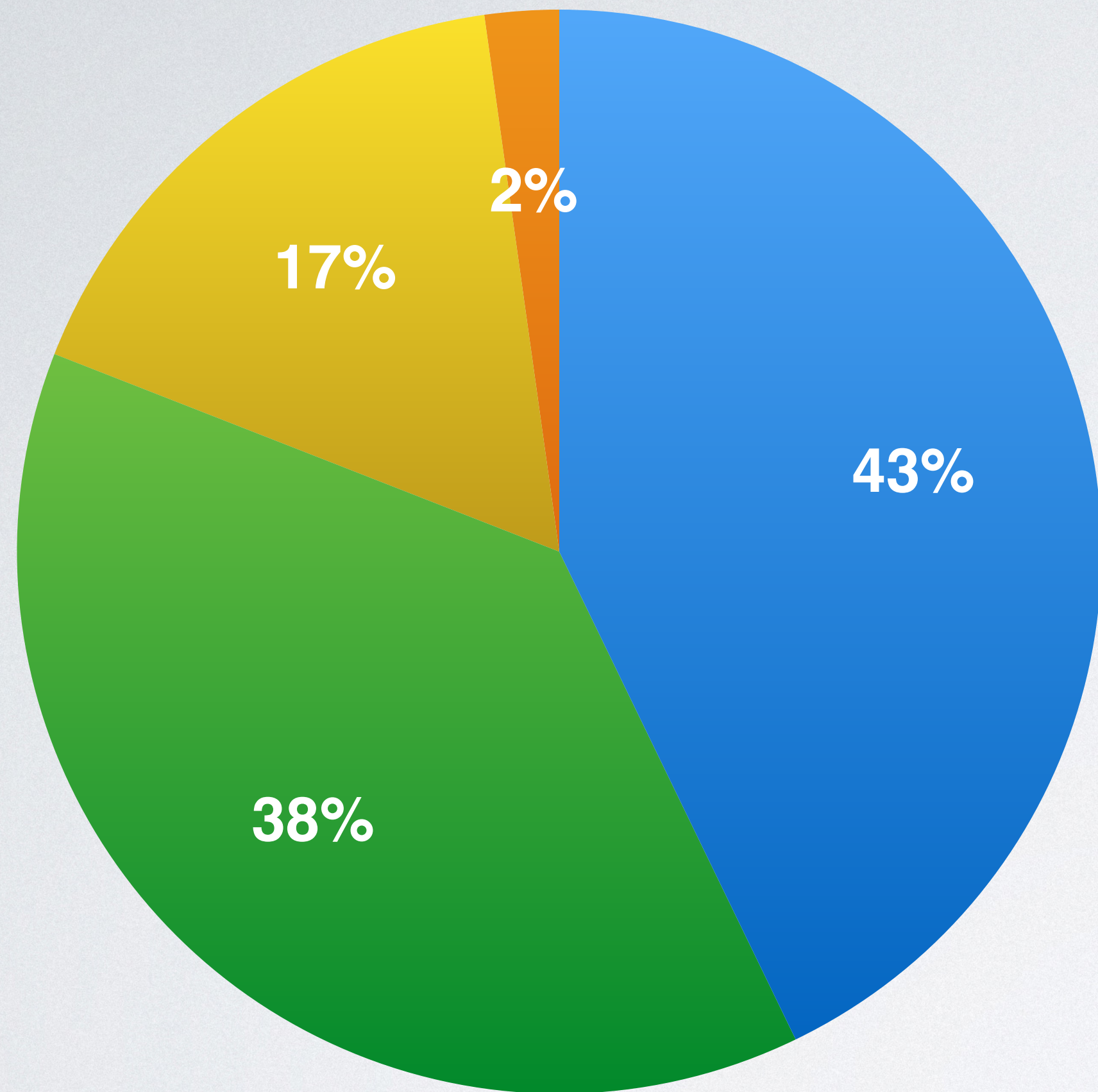
SCHOOL TECH PLAN

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District Broadband

- 200+
- 100-200
- 50-100
- 0-50

Mbps per 1,000 students/staff



SETDA's targets for Broadband Access:

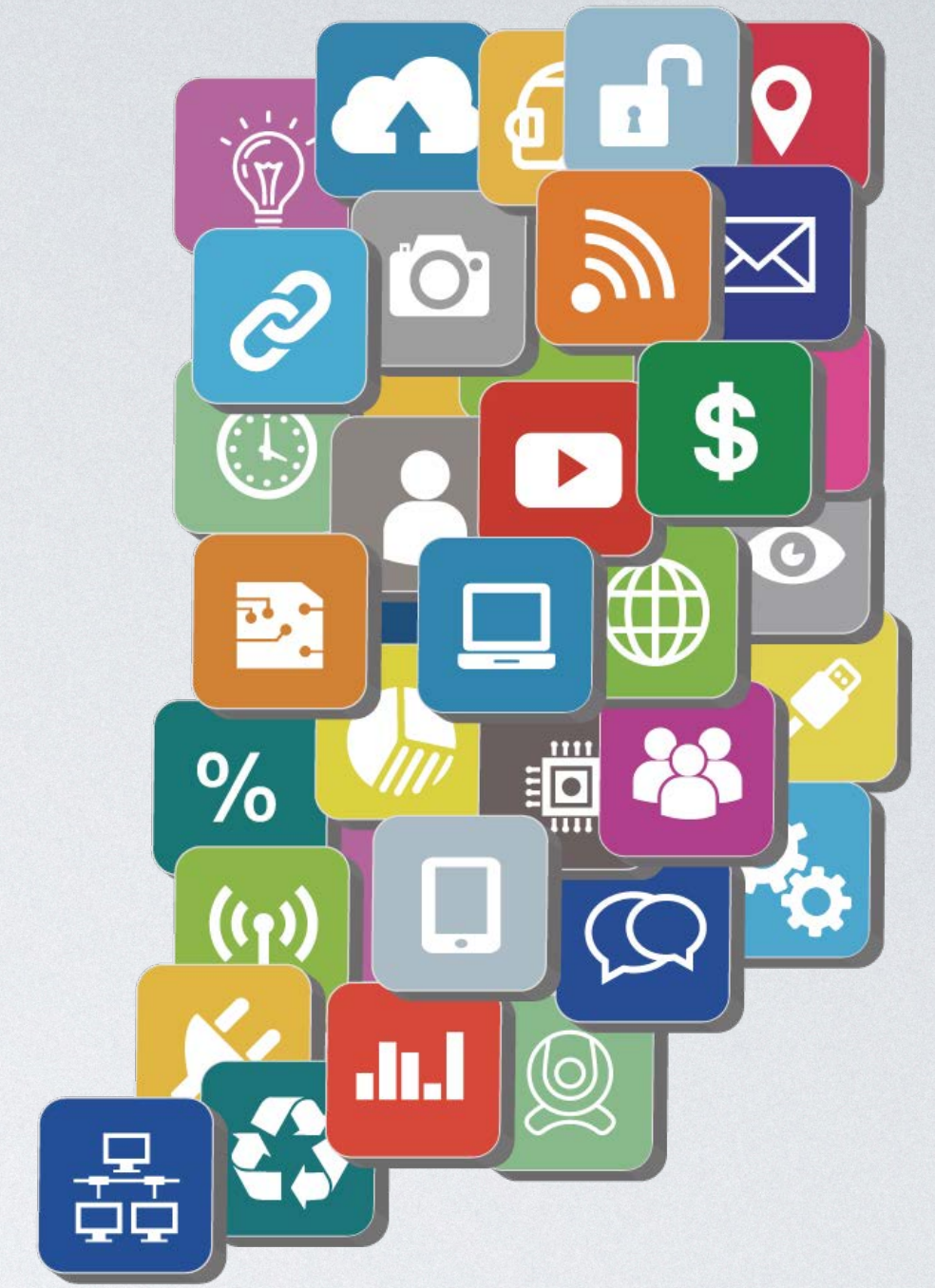
2014-15 - At least 100 Mbps per 1,000 students/staff

2017-18 - At least 1024 Mbps per 1,000 students/staff

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2017 Survey Data

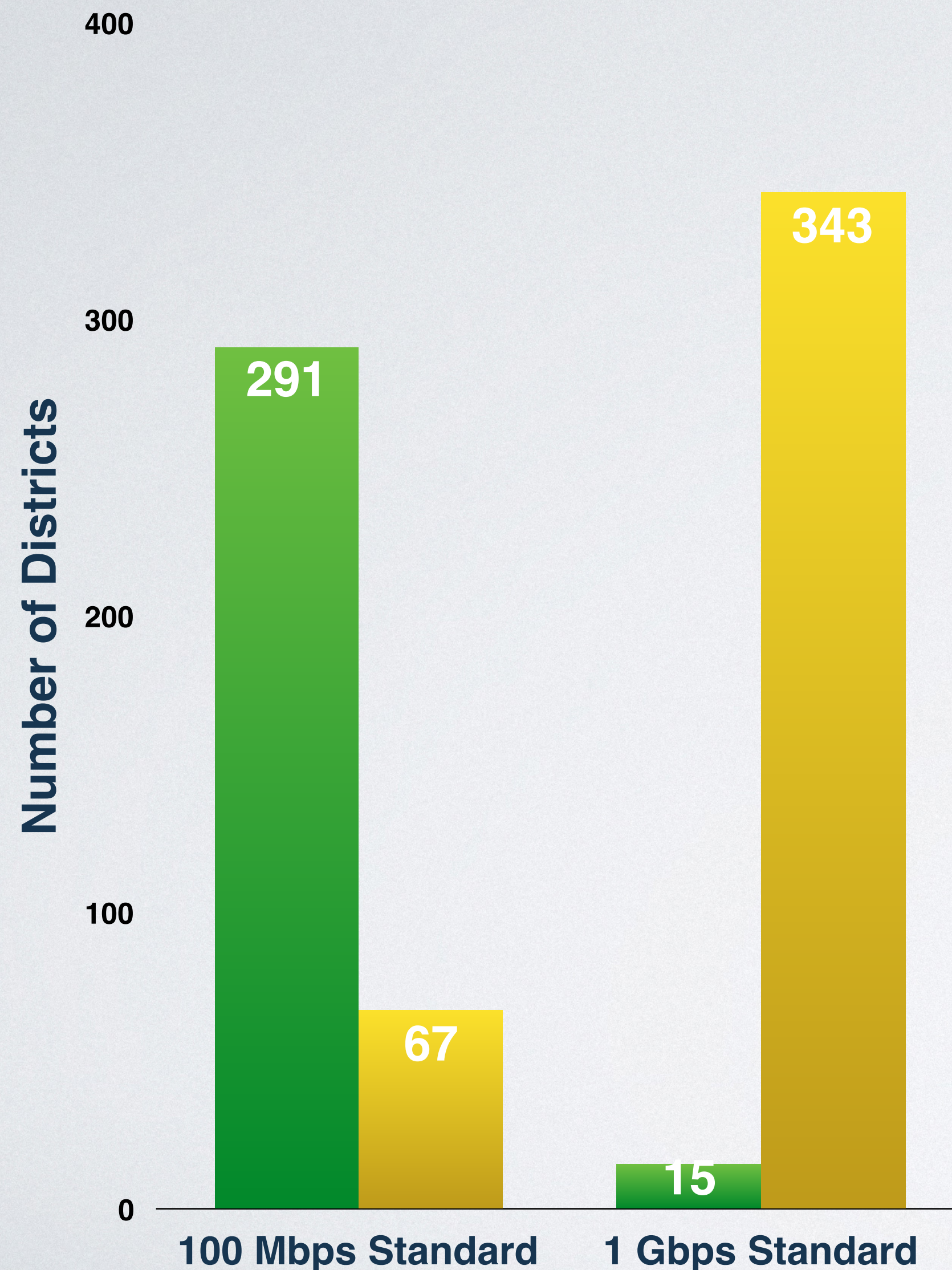
291 districts over 100 Mbps, 67 below

15 districts over 1 Gbps, 343 below

SETDA's targets for Broadband Access:

2014-15 - At least 100 Mbps per 1,000 students/staff

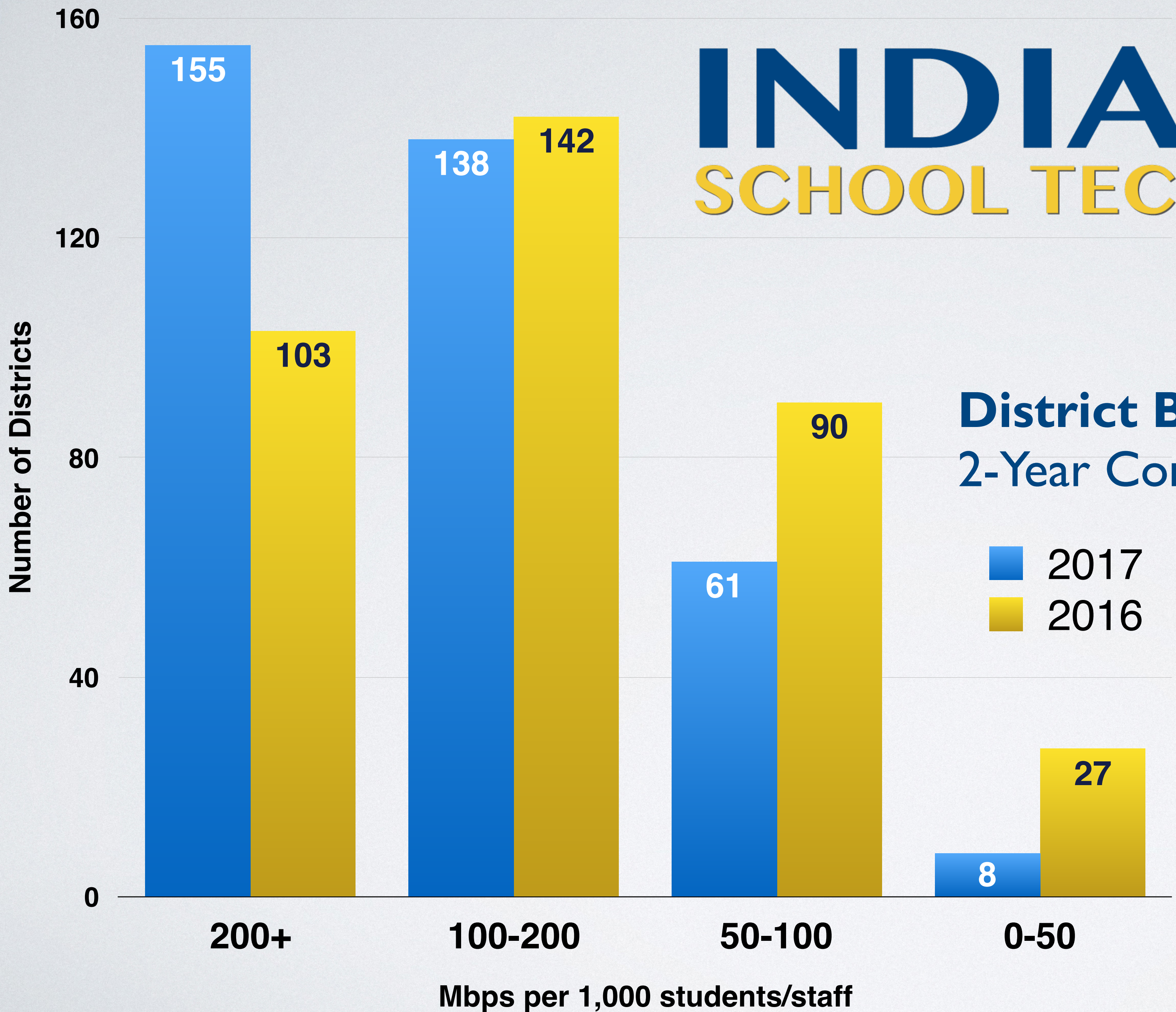
2017-18 - At least 1 Gbps per 1,000 students/staff (medium school)



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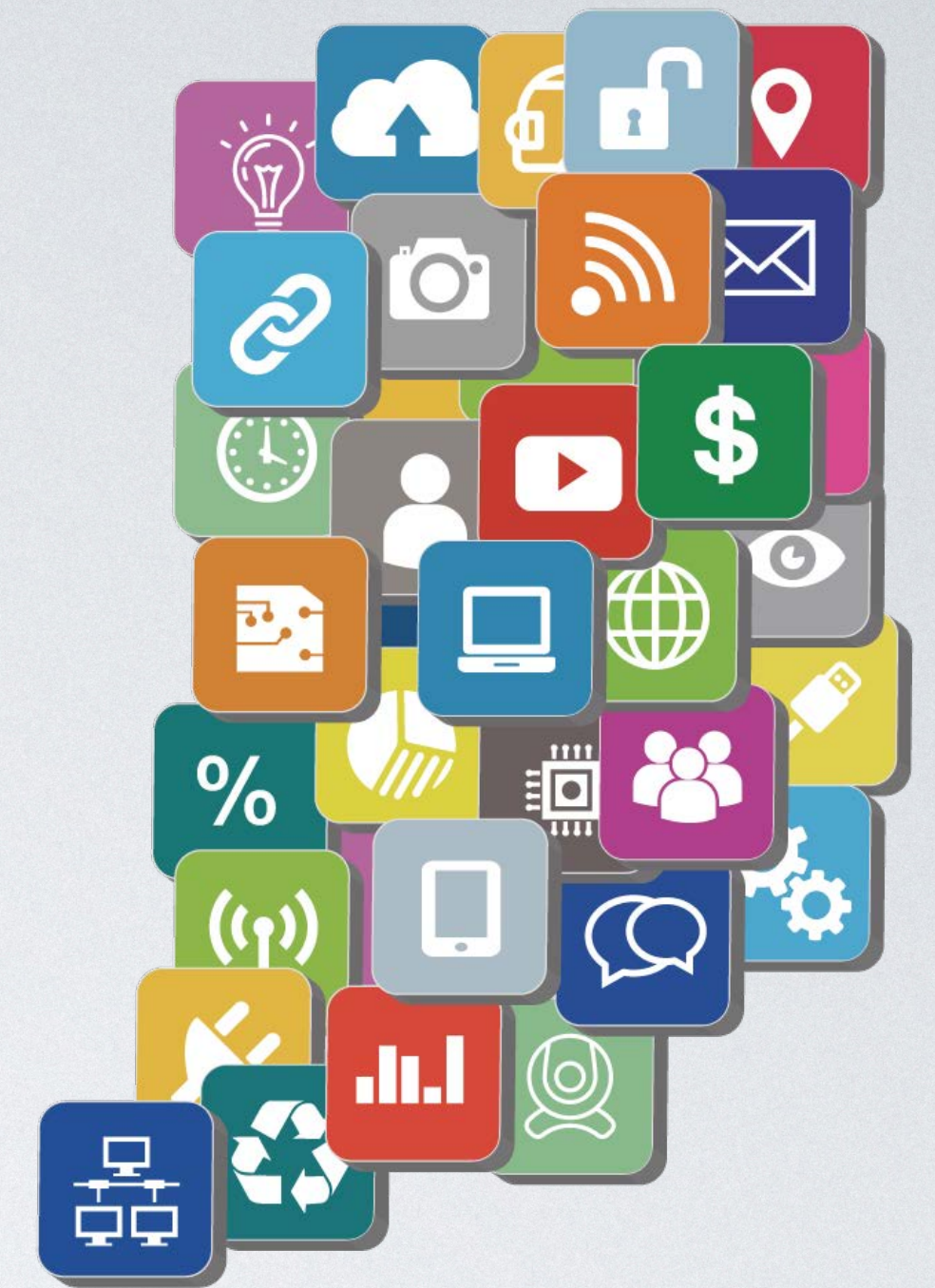
2017



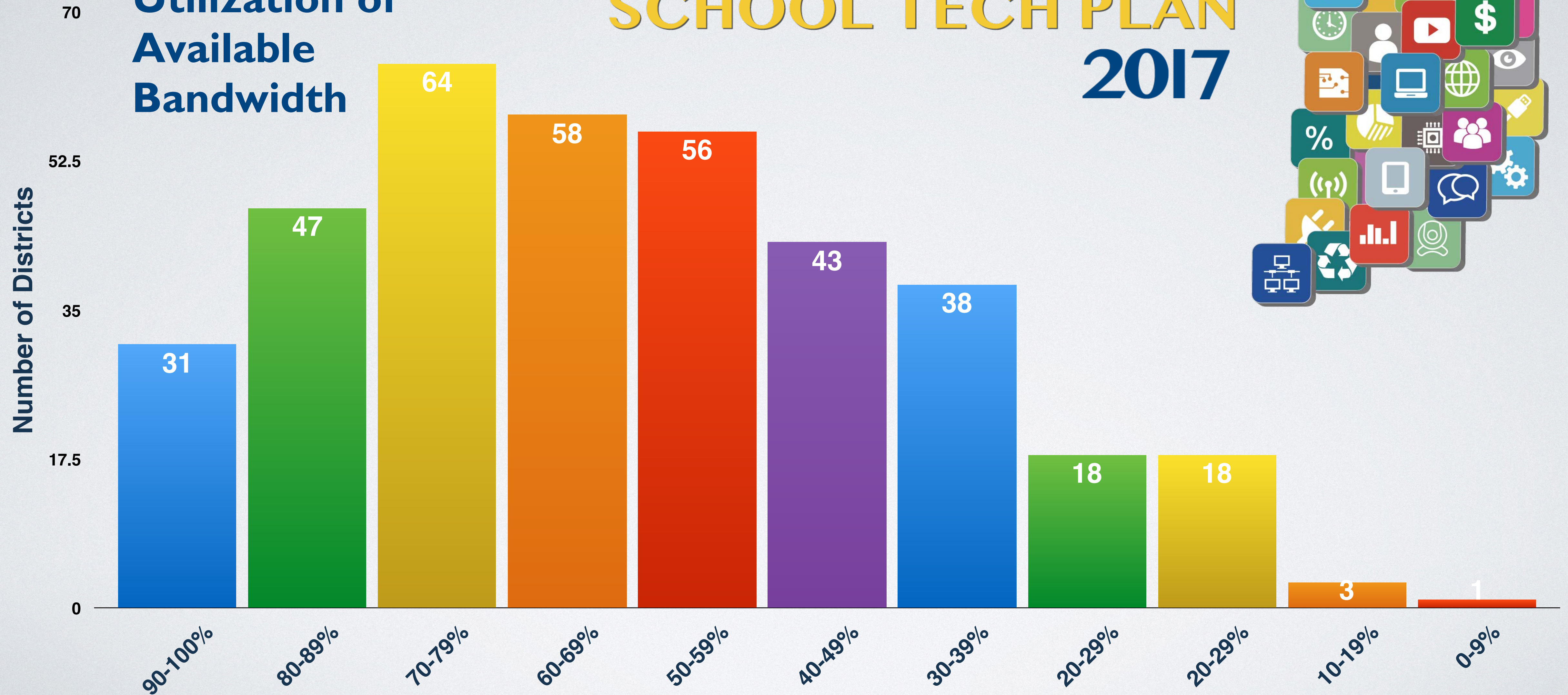
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**Average
Utilization of
Available
Bandwidth**





Infrastructure

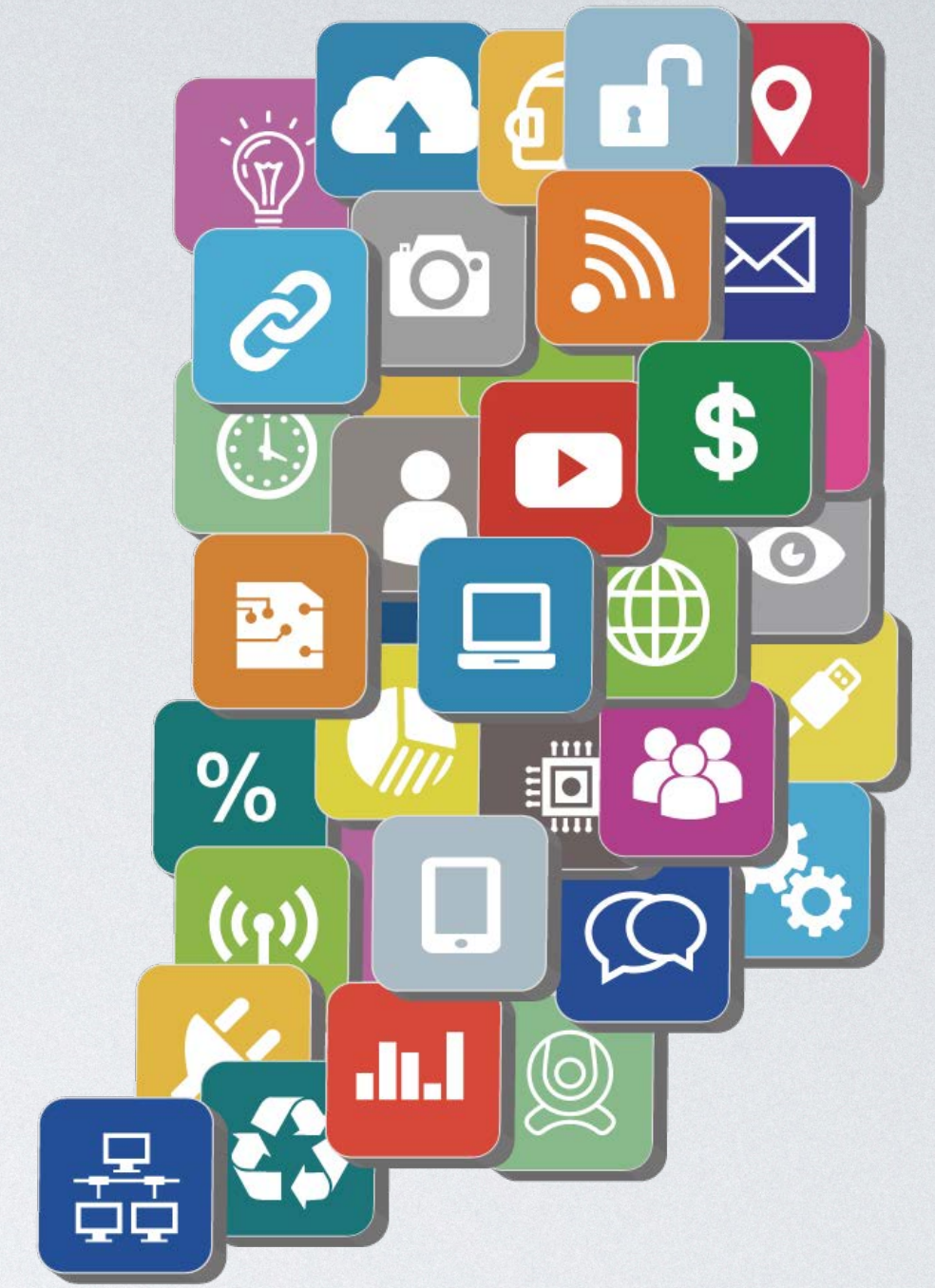
A large, colorful collage of various digital and technology icons. The icons are arranged in a dense, overlapping cluster. The icons include: a lightbulb, a cloud with an upward arrow, a padlock, a location pin, a camera, a RSS feed, an envelope, a link, a clock, a person, a play button, a dollar sign, a globe, an eye, a laptop, a circuit board, a percentage sign, a bar chart, a recycling symbol, a speech bubble, a gear, and a network diagram. The icons are in various colors including blue, green, orange, red, purple, and grey.



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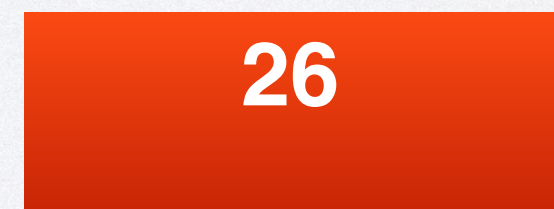
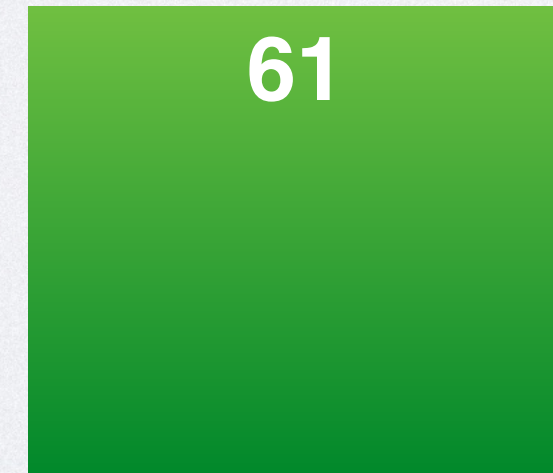
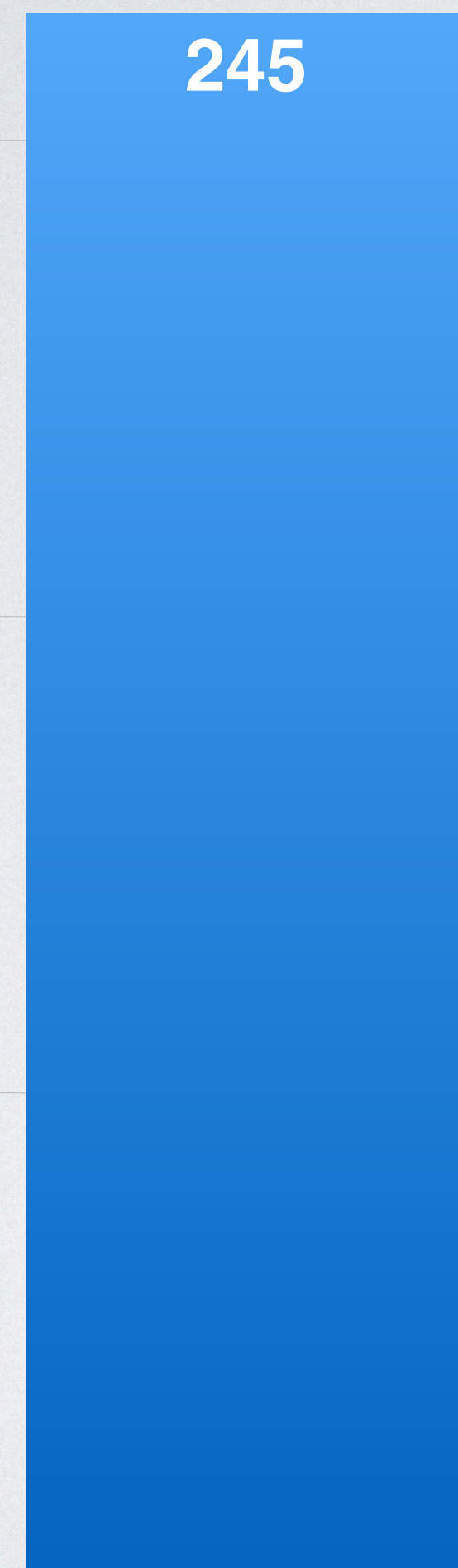
2017



Current Wide Area Network (WAN)

Number of Districts

300
225
150
75
0



- WAN: Fiber - All Sites
- WAN: Fiber, T1 and/or Wireless Combination
- WAN: All T1
- WAN: All Wireless
- No WAN

245

61

11

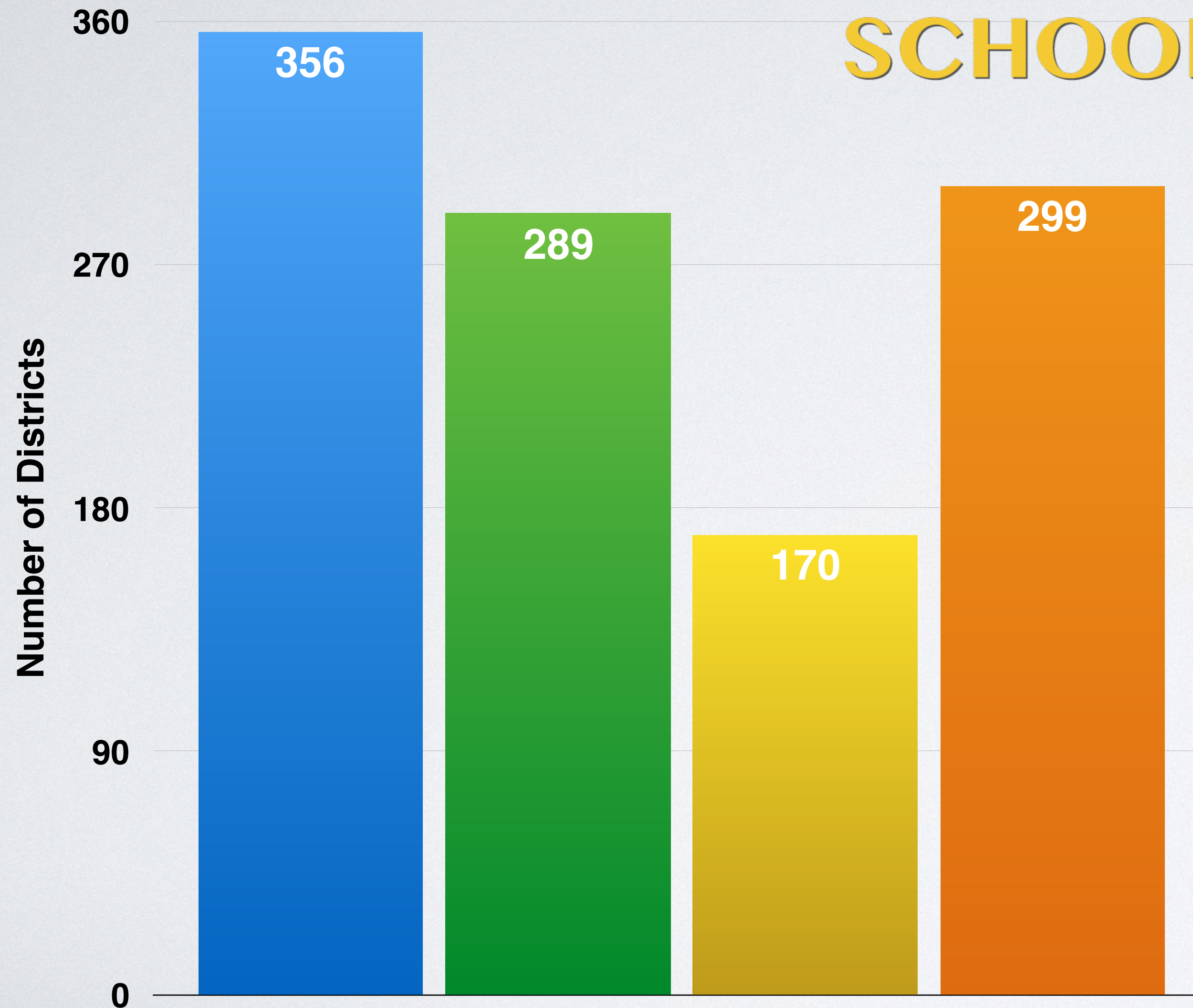
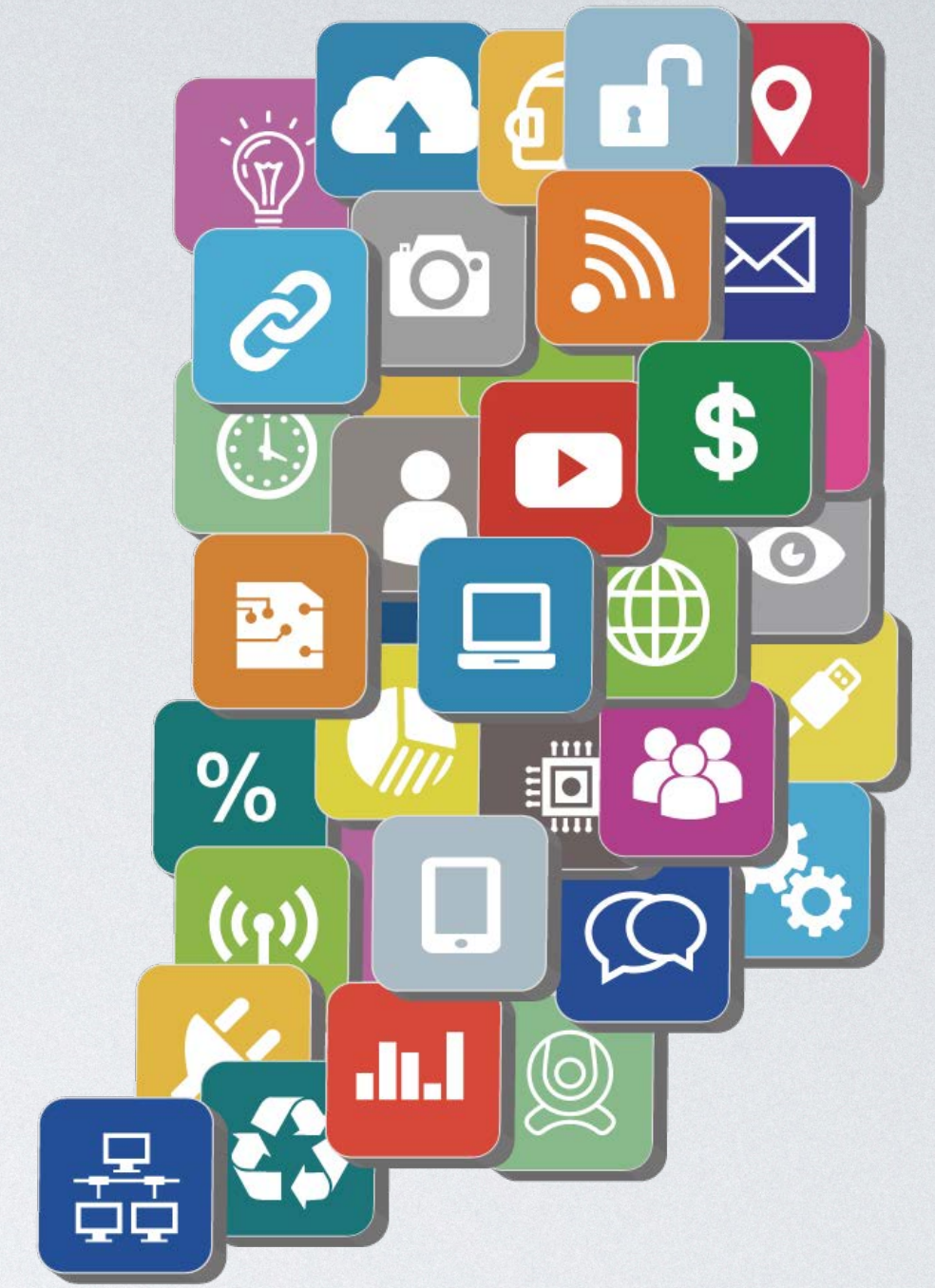
16

26

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Wi-Fi Access Allowed for:

- School devices
- Teacher BYOD
- Student BYOD
- Guests

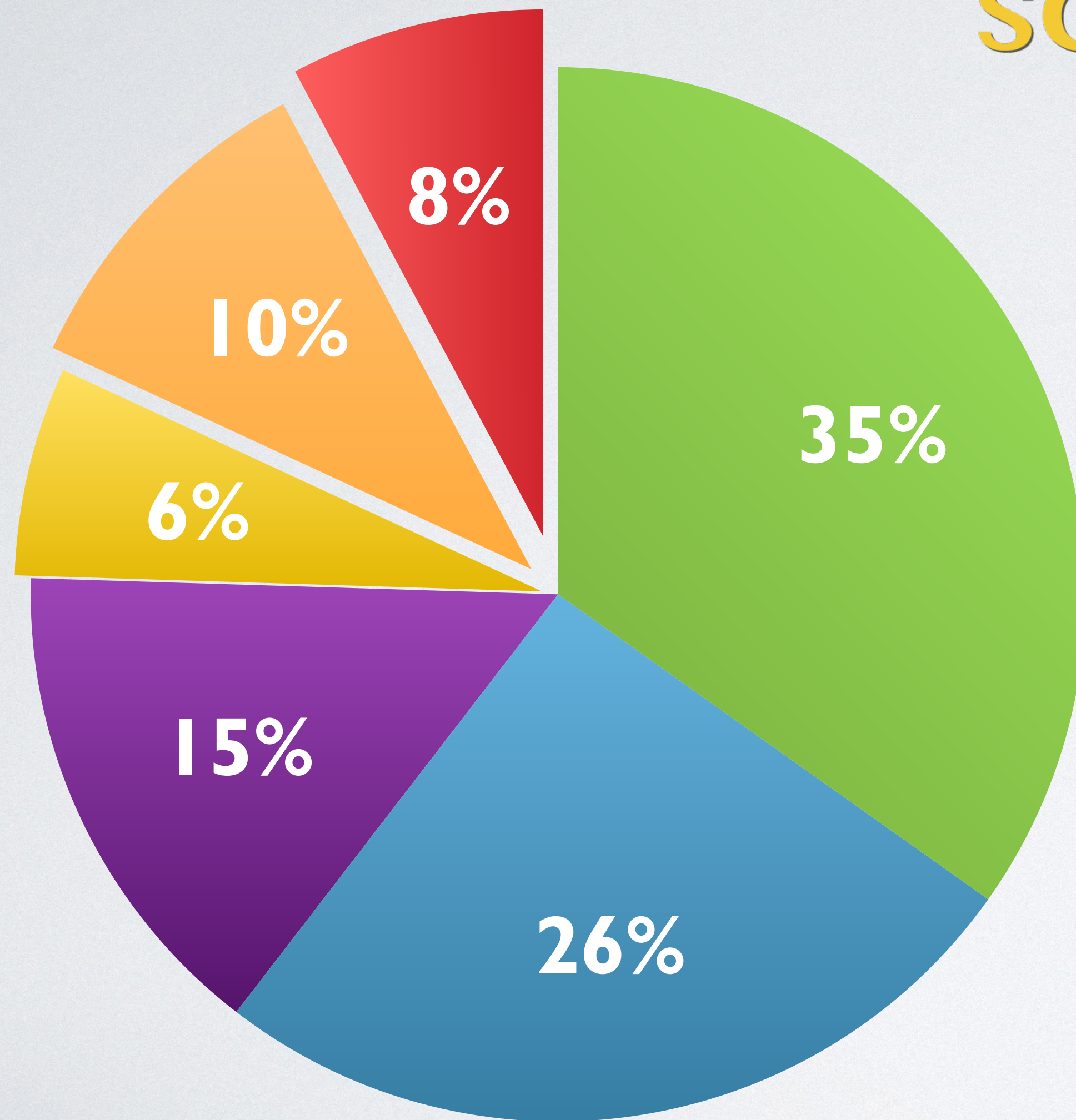
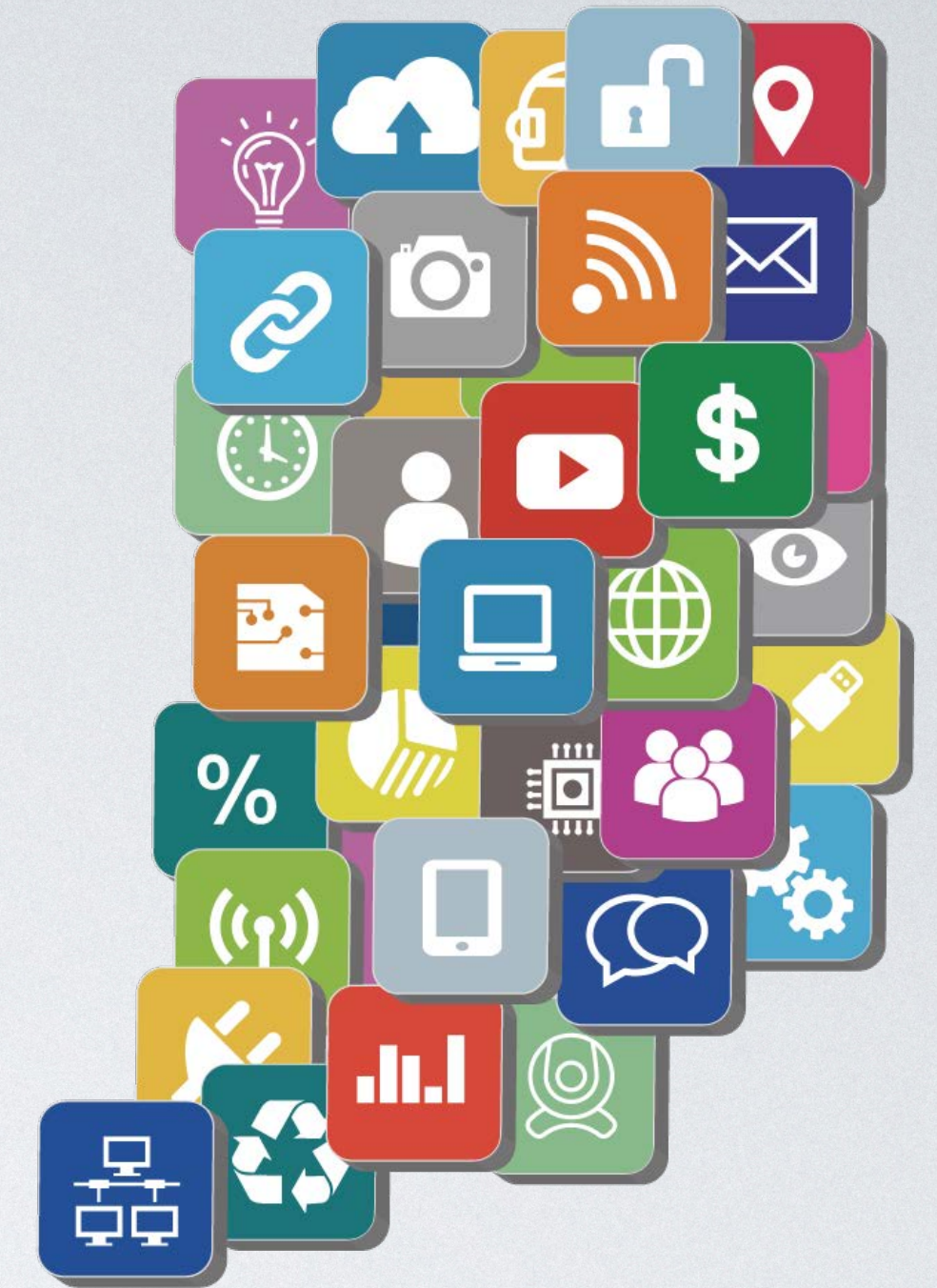


Devices

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District I:I Status

% of districts that are:

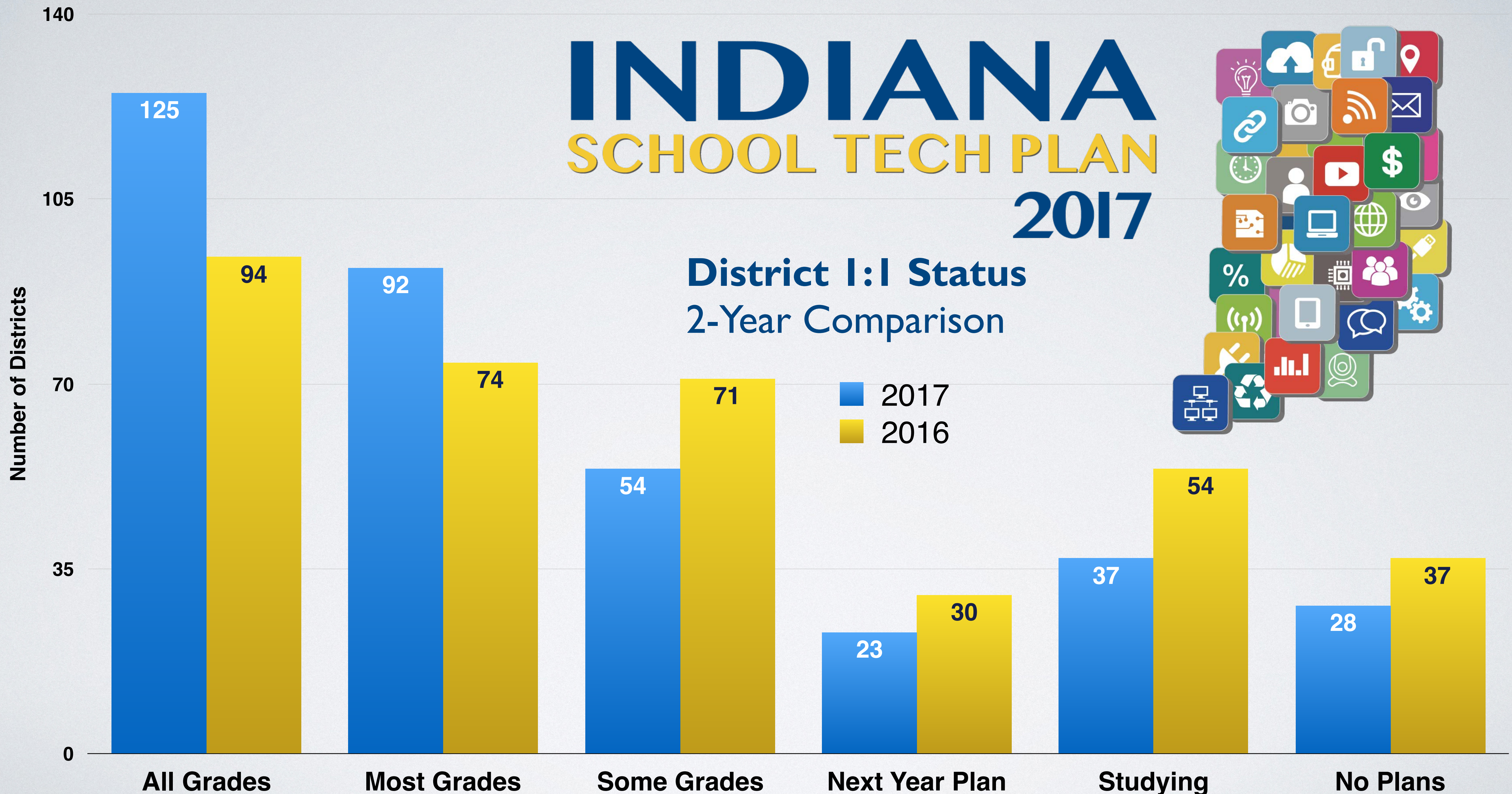
- I:I at all grade levels
- I:I at most grade levels
- I:I in some grade levels
- Planning to launch I:I next year
- Studying/considering a I:I
- No current plans to go I:I

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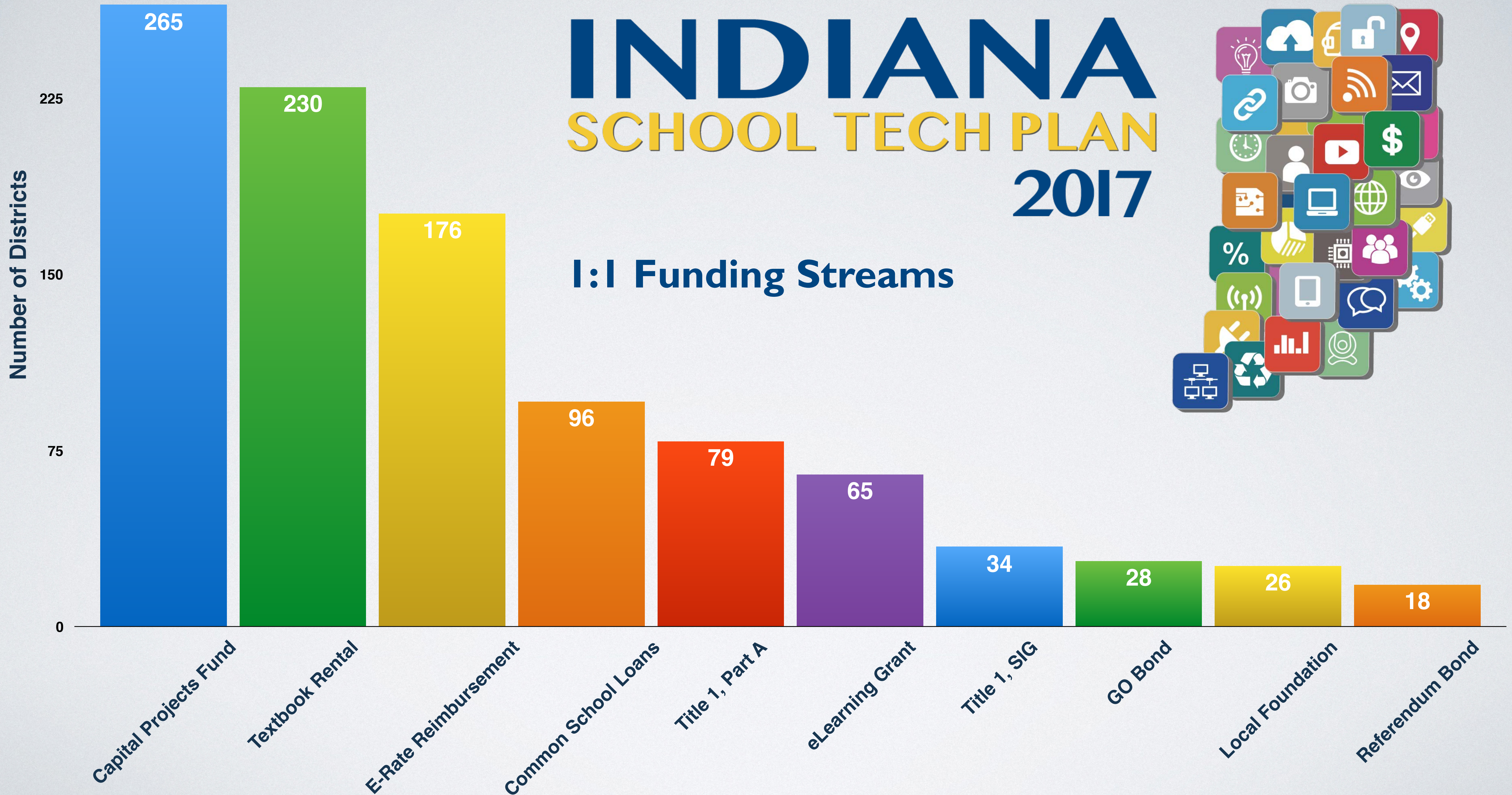
2017

District 1:1 Status 2-Year Comparison



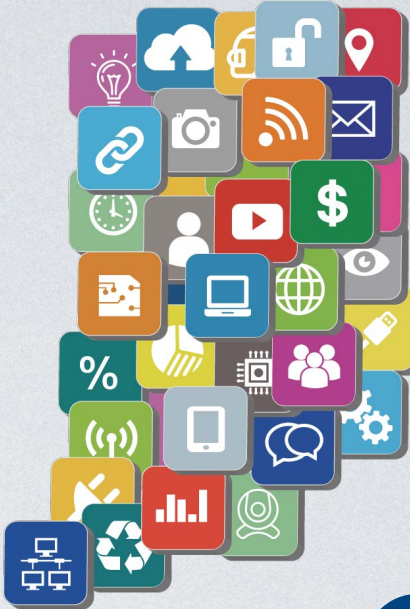
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I:I Funding Streams



Device Types
by Grade Level Groups

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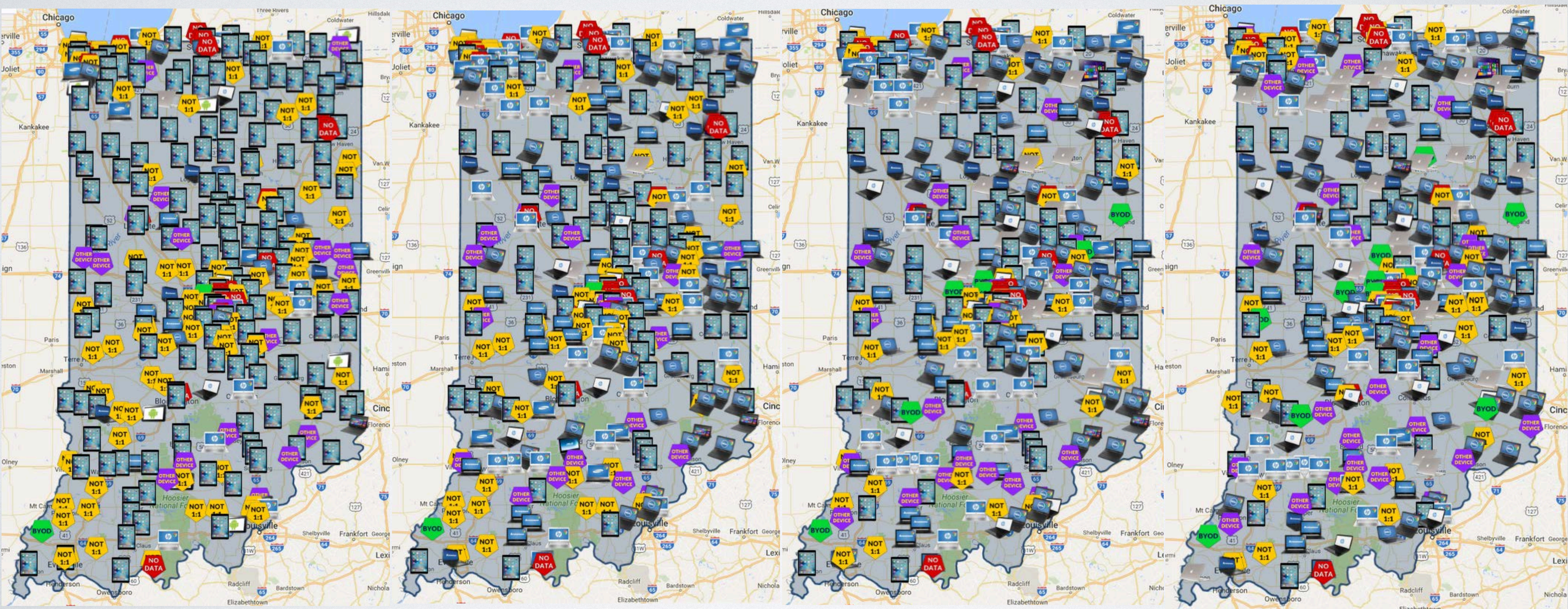


K-2

3-5

6-8

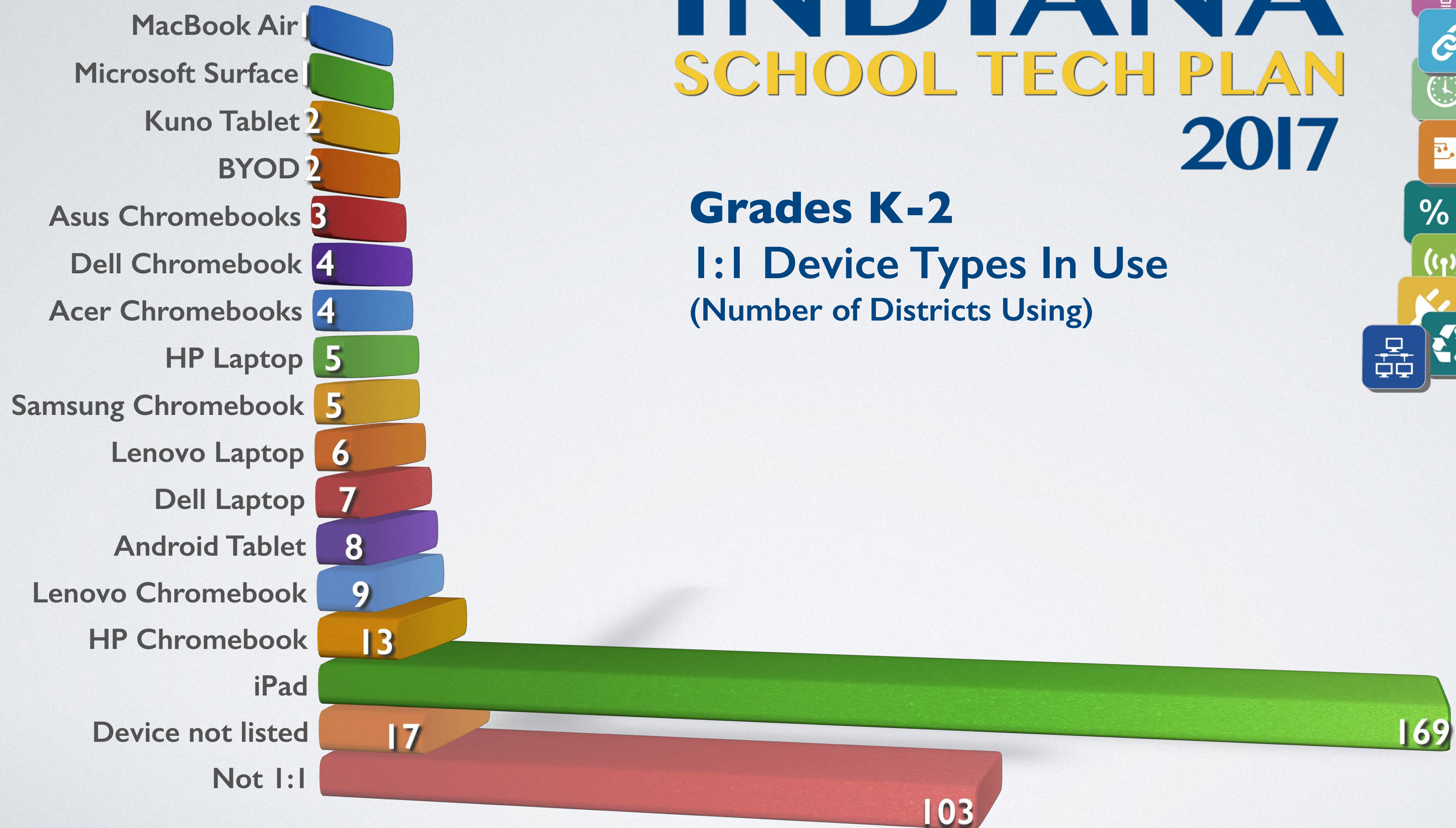
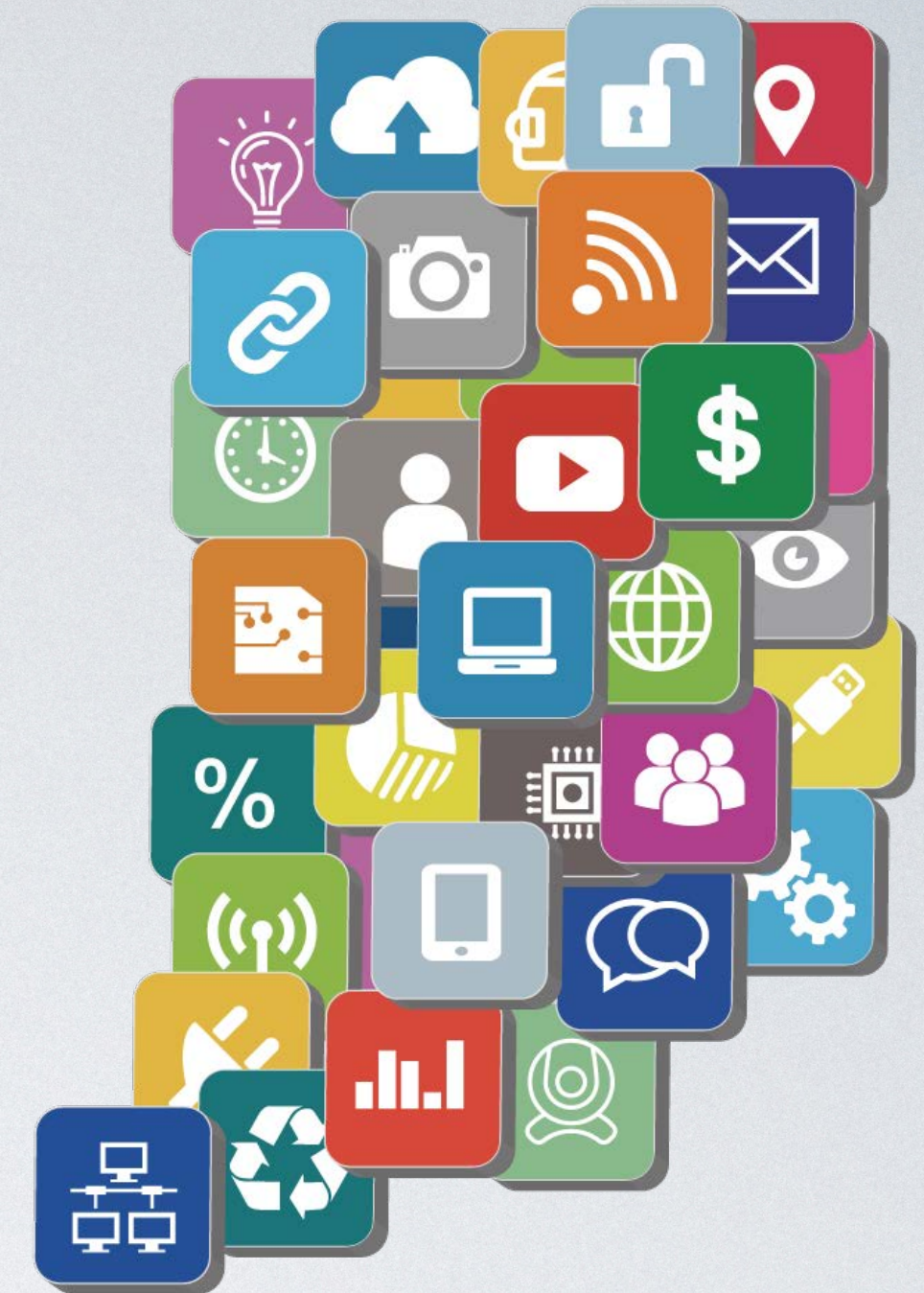
9-12



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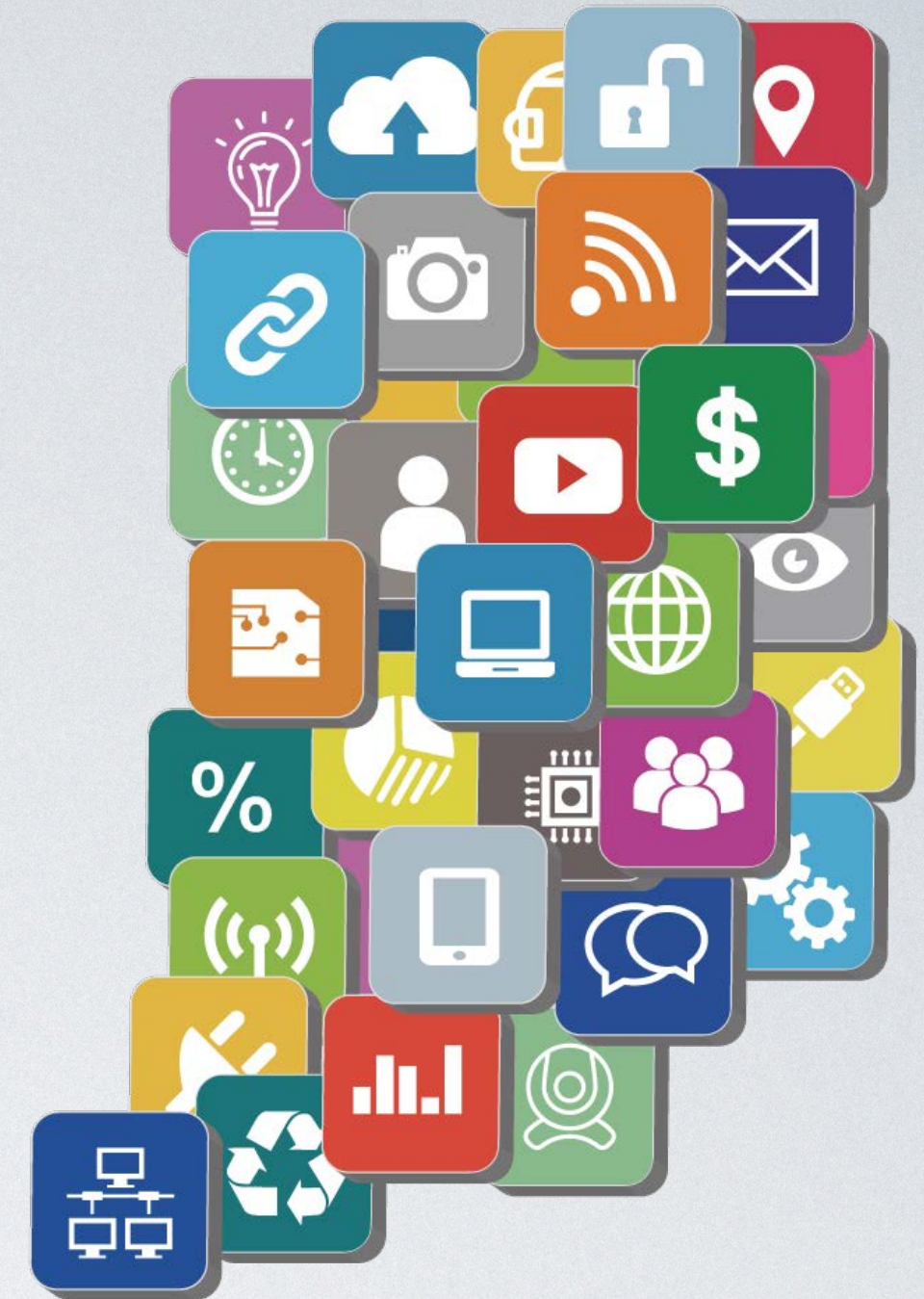
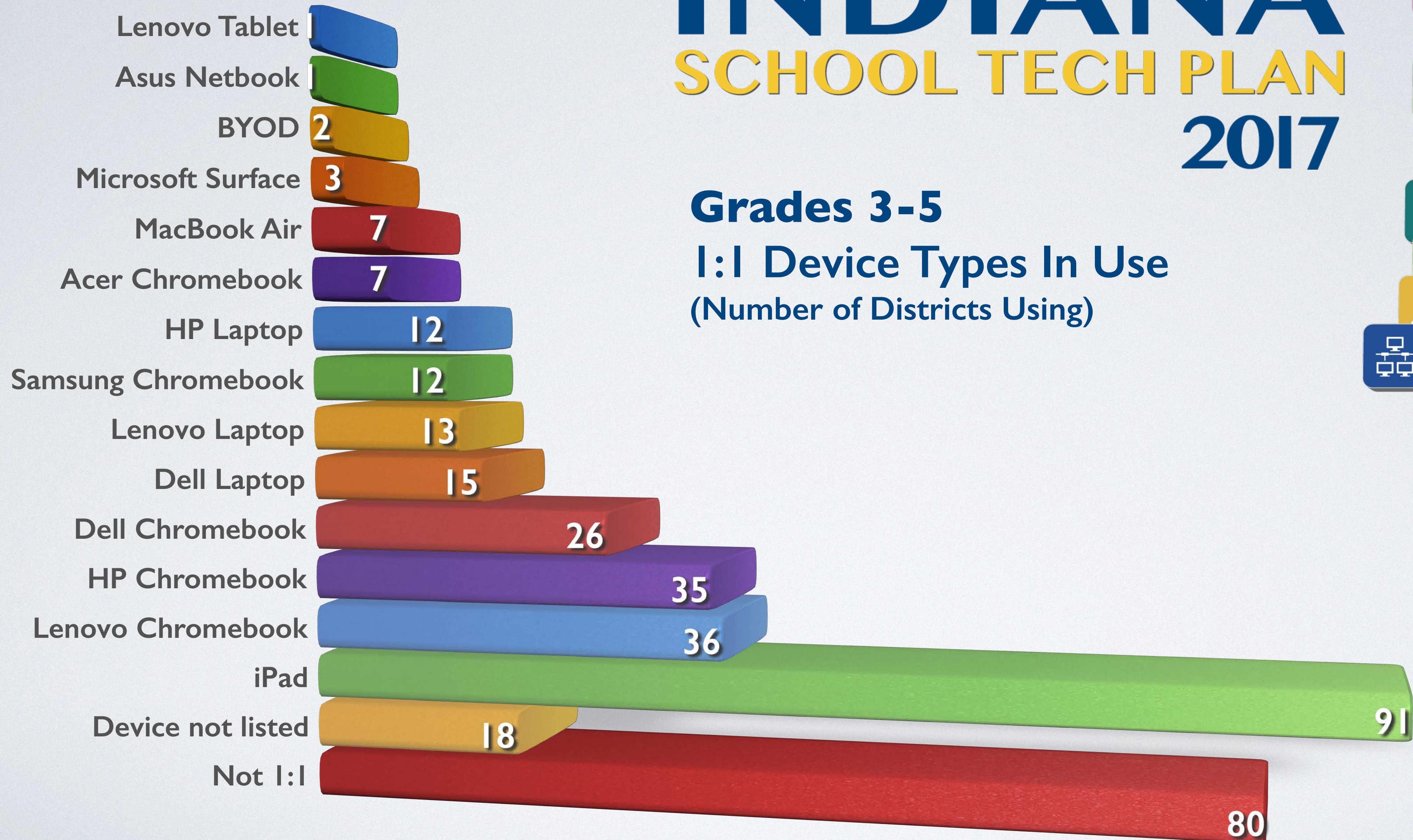
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Grades 3-5

1:1 Device Types In Use (Number of Districts Using)



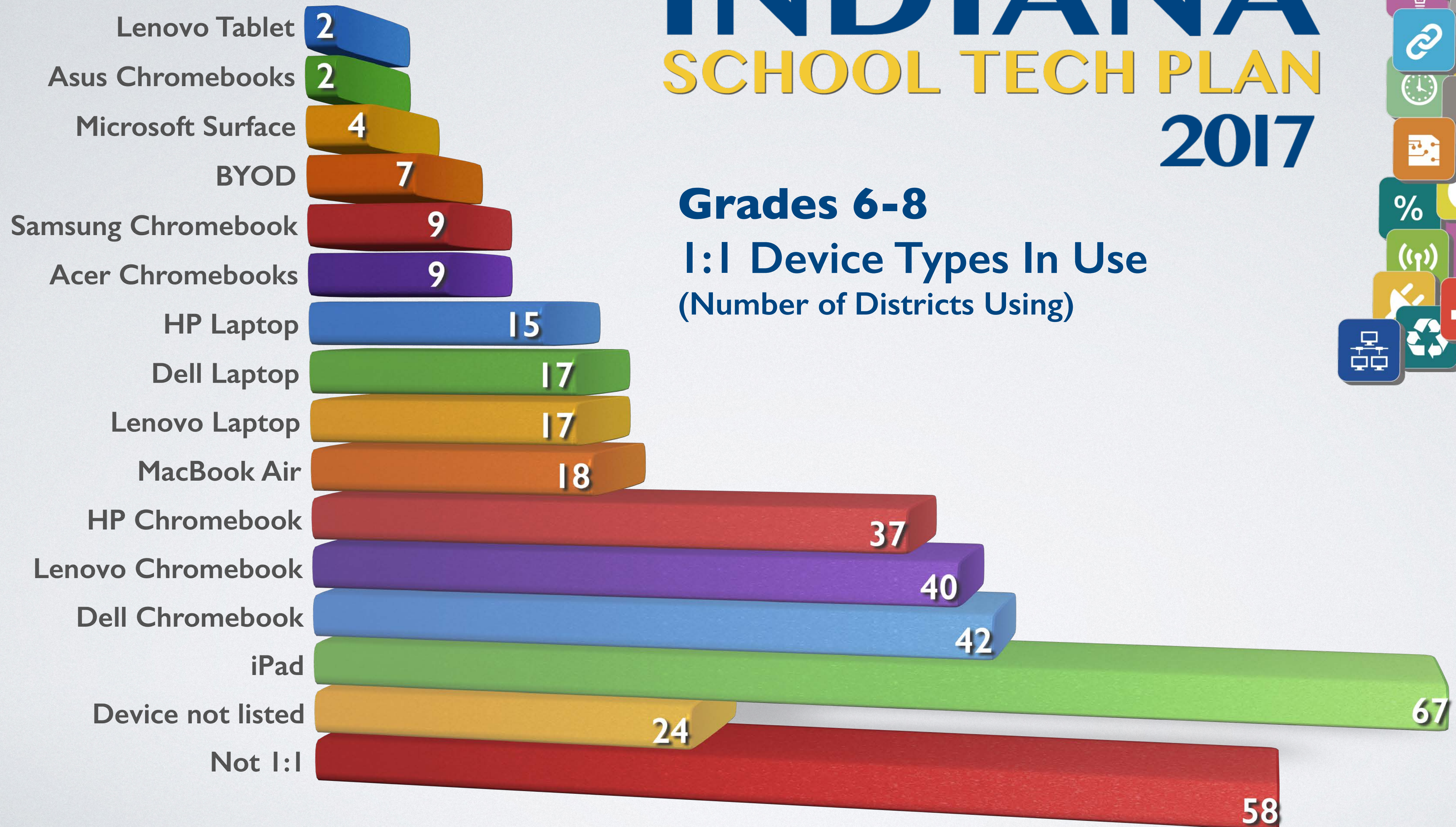
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Grades 6-8

1:1 Device Types In Use
(Number of Districts Using)



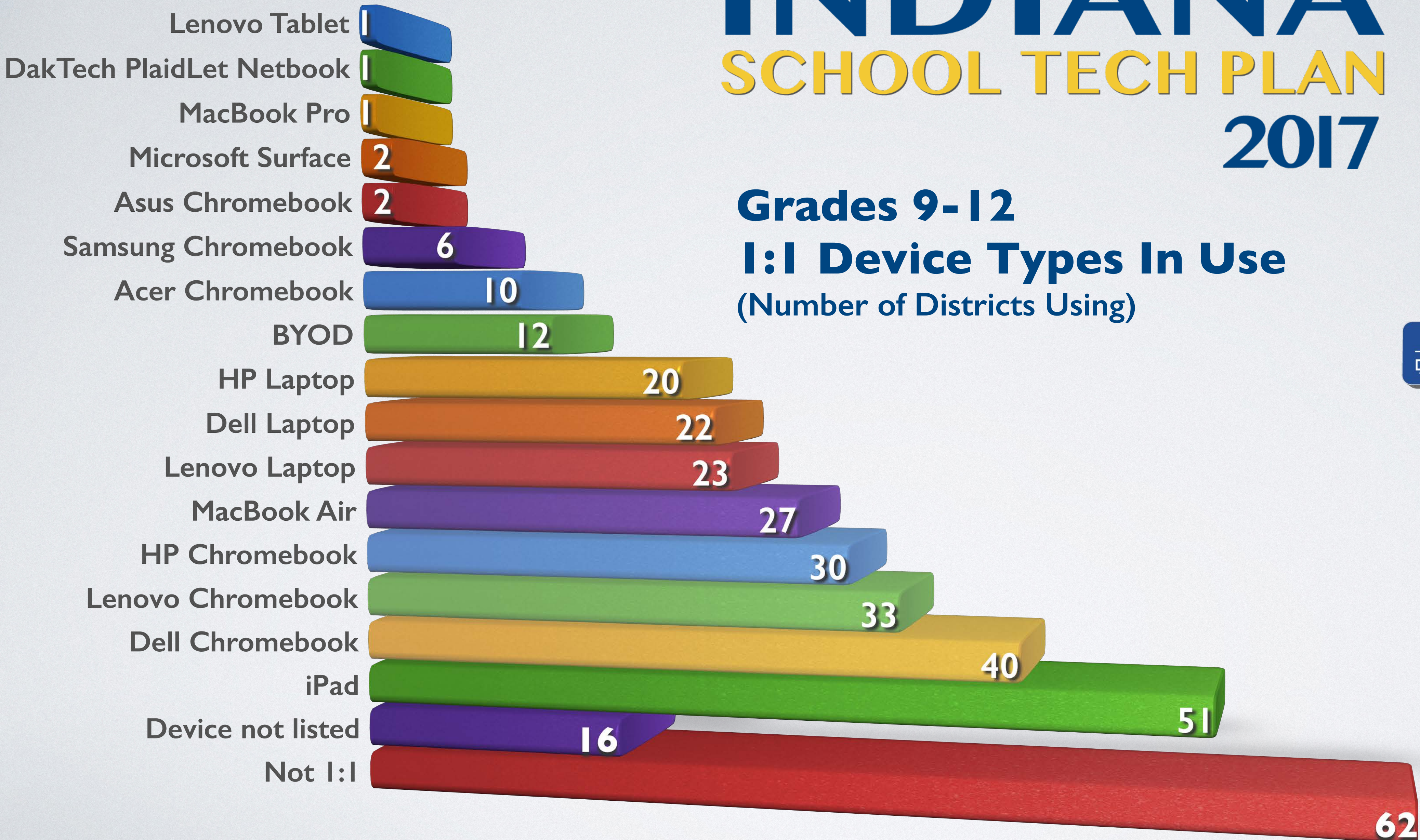
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Grades 9-12

1:1 Device Types In Use
(Number of Districts Using)



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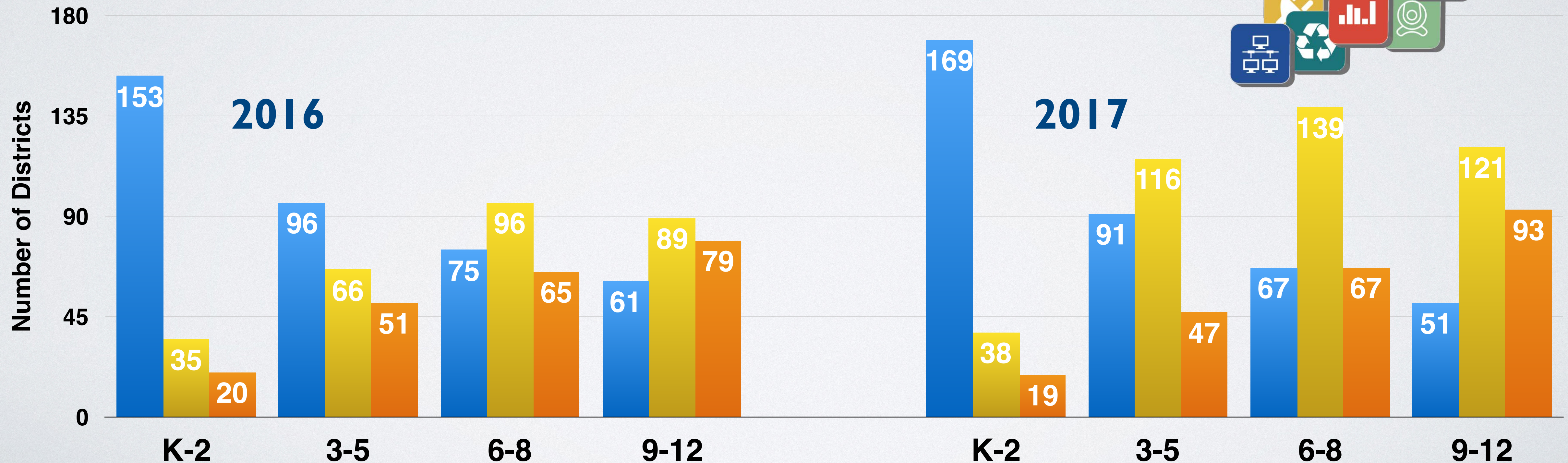
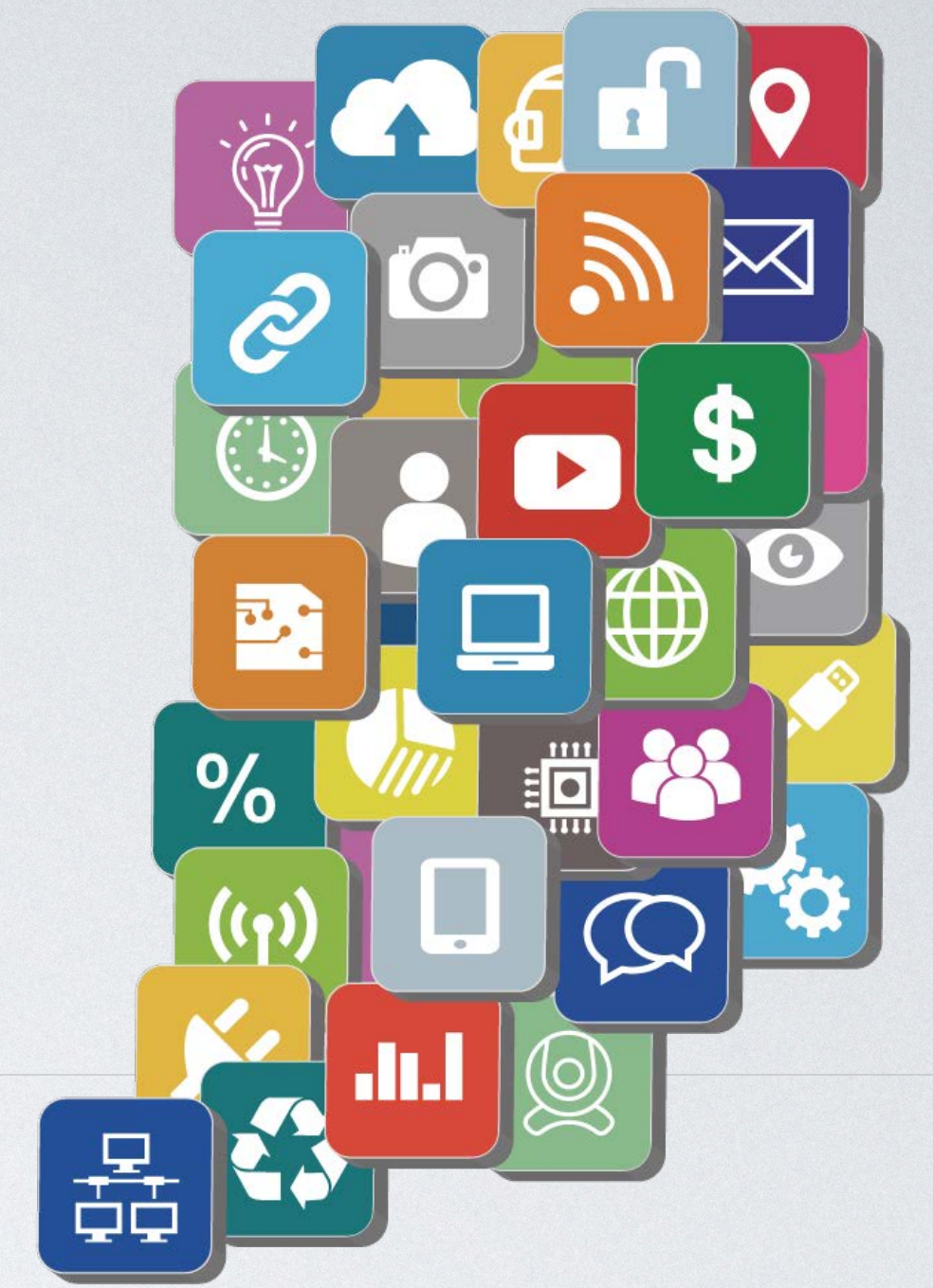
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- iPad
- Chromebook
- Full-size Laptop

Device Type at Grade Level

2-Year Comparison



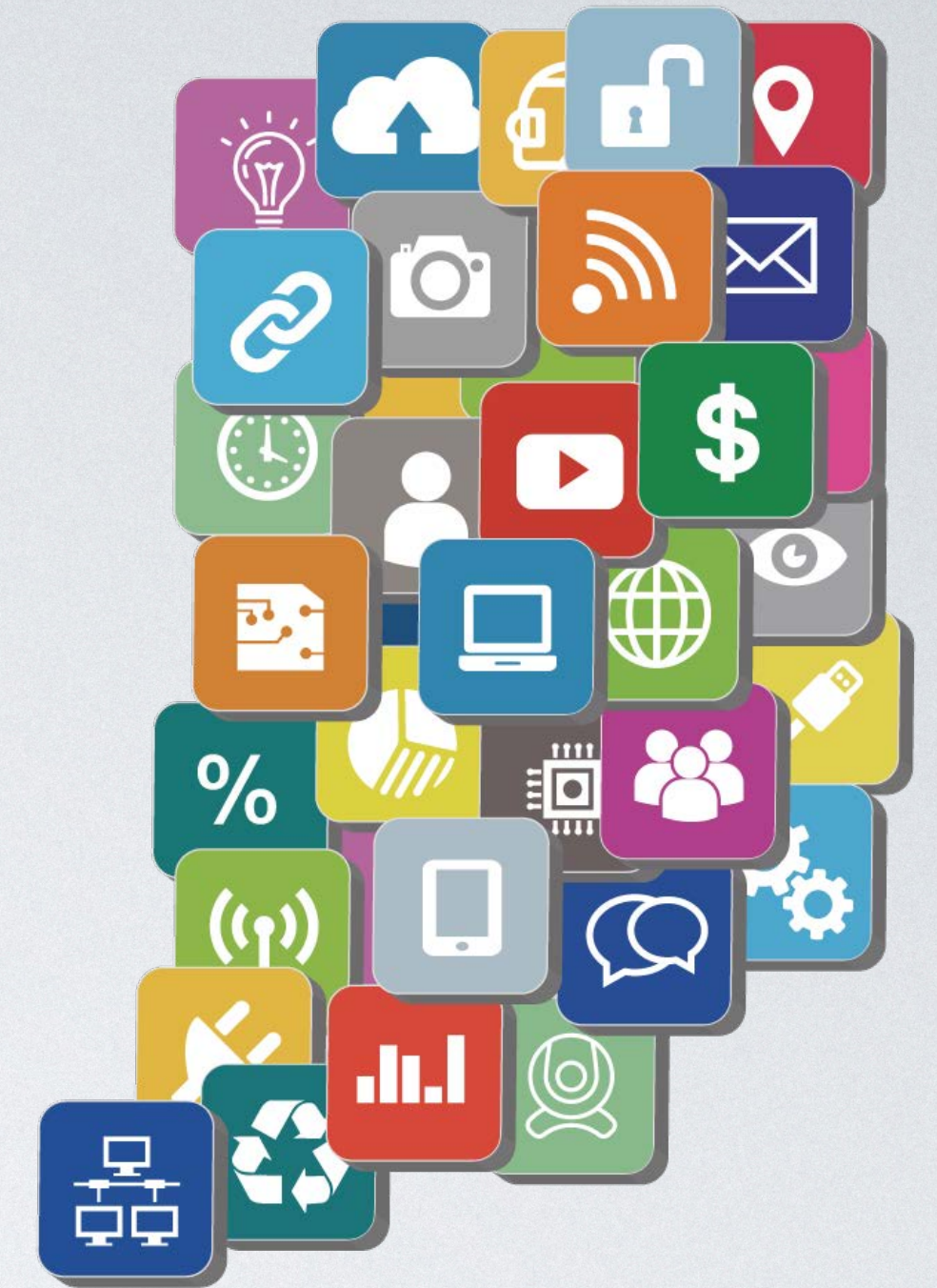


Virtual Learning

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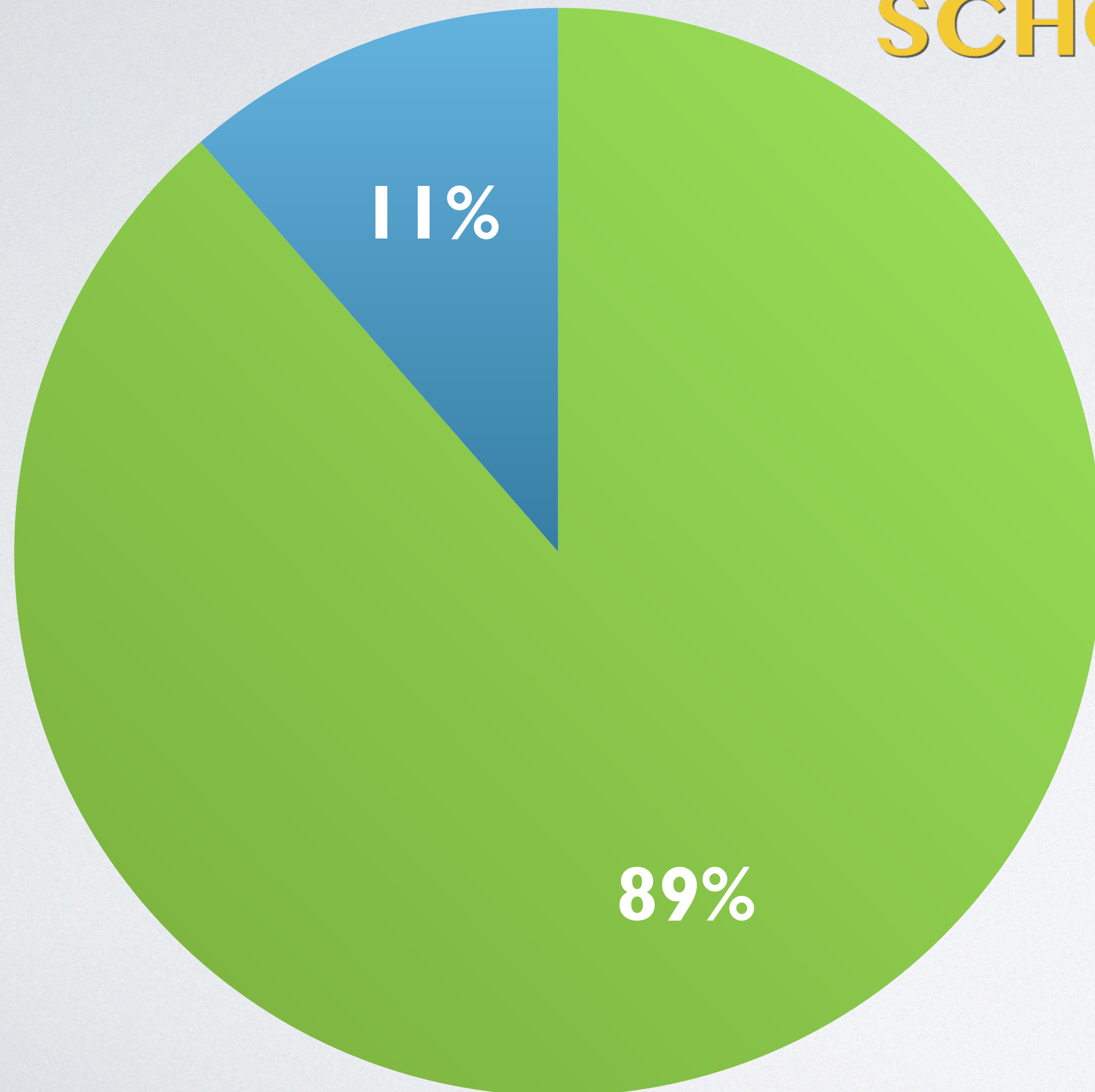
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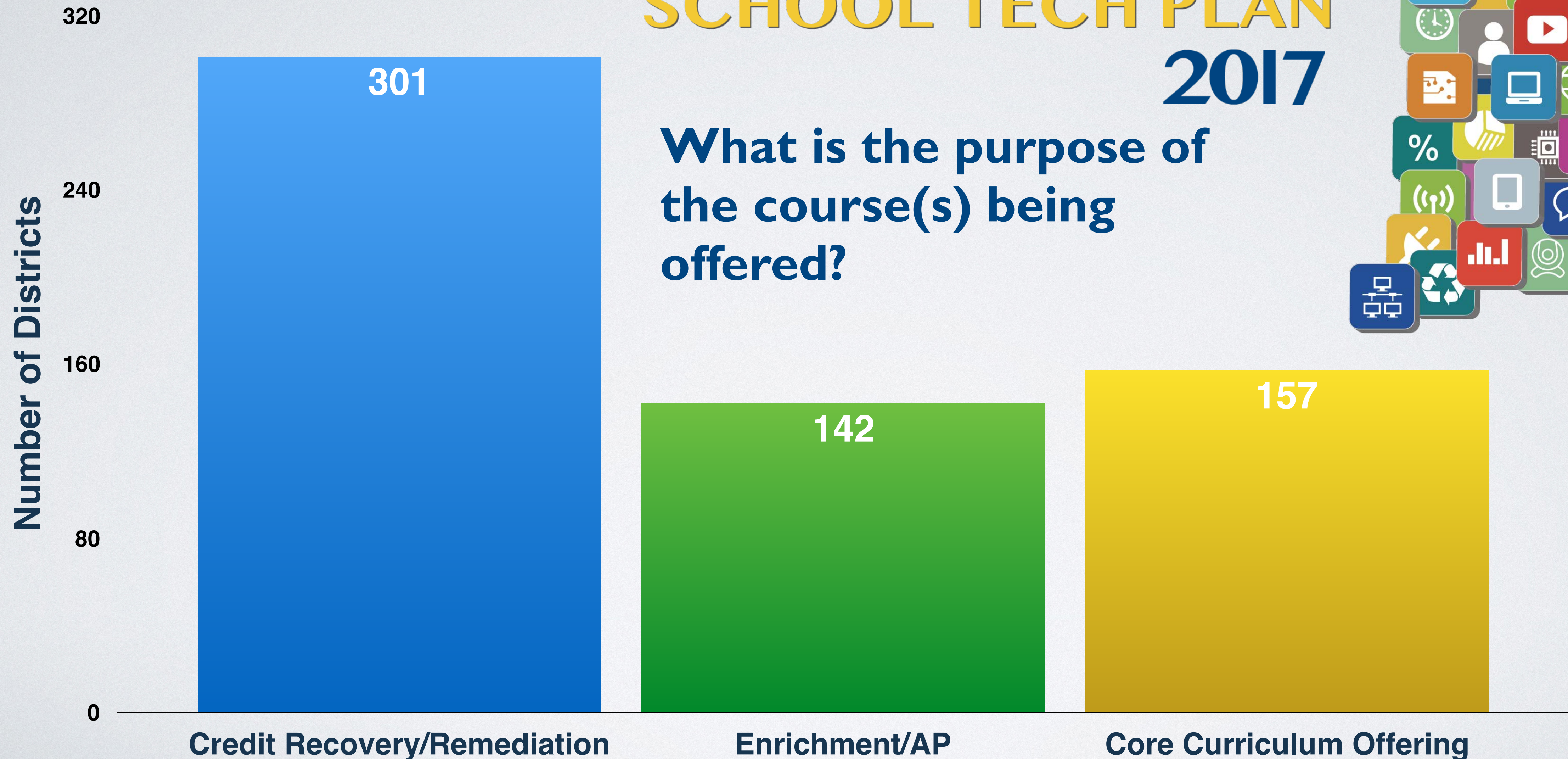
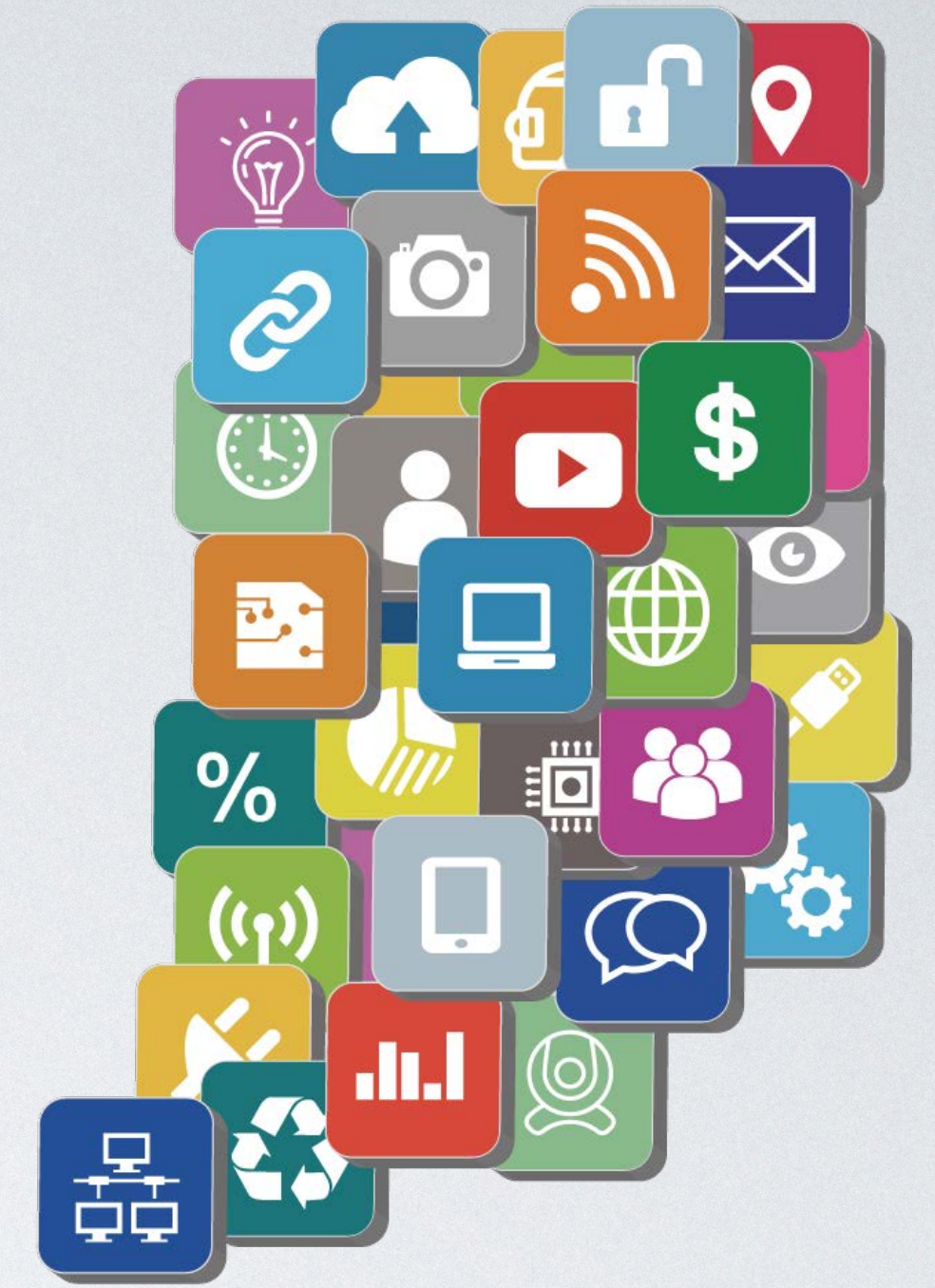
**Do your students
currently have
access to online
courses?**

- Yes
- No



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**What is the purpose of
the course(s) being
offered?**



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**Current access
includes content/
courses:**

Number of Districts

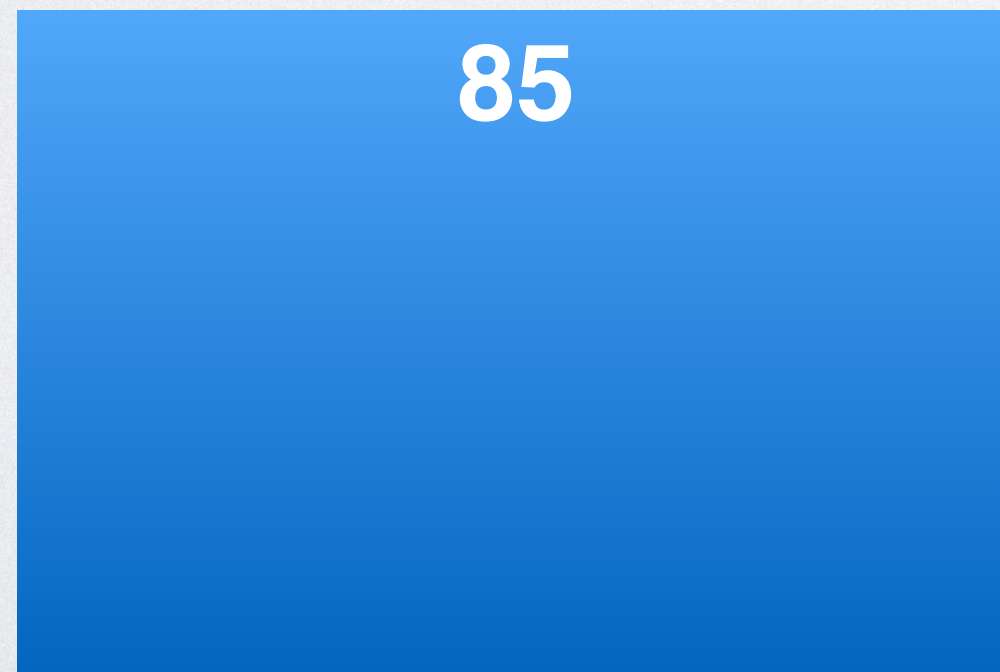
220

165

110

55

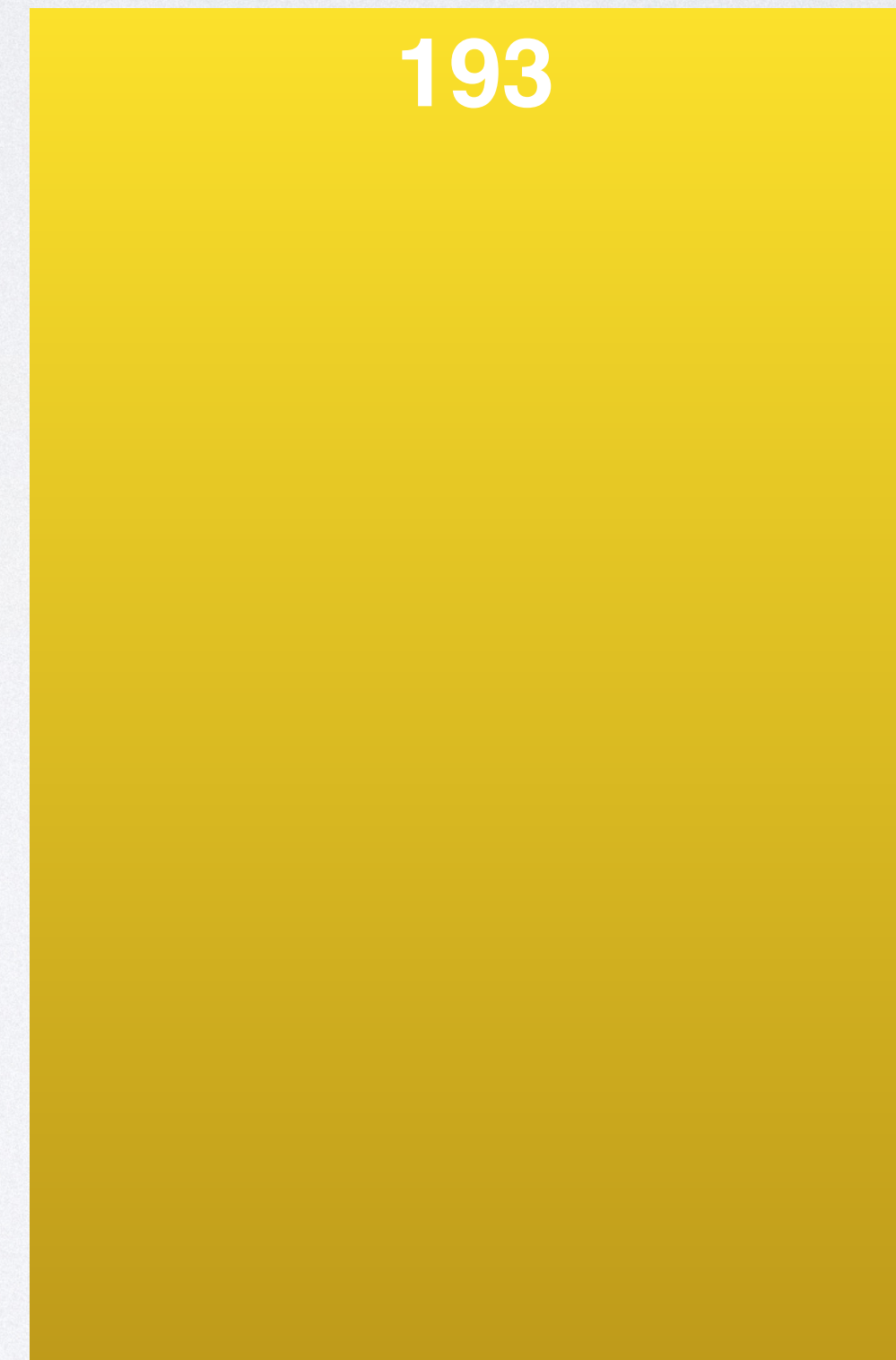
0



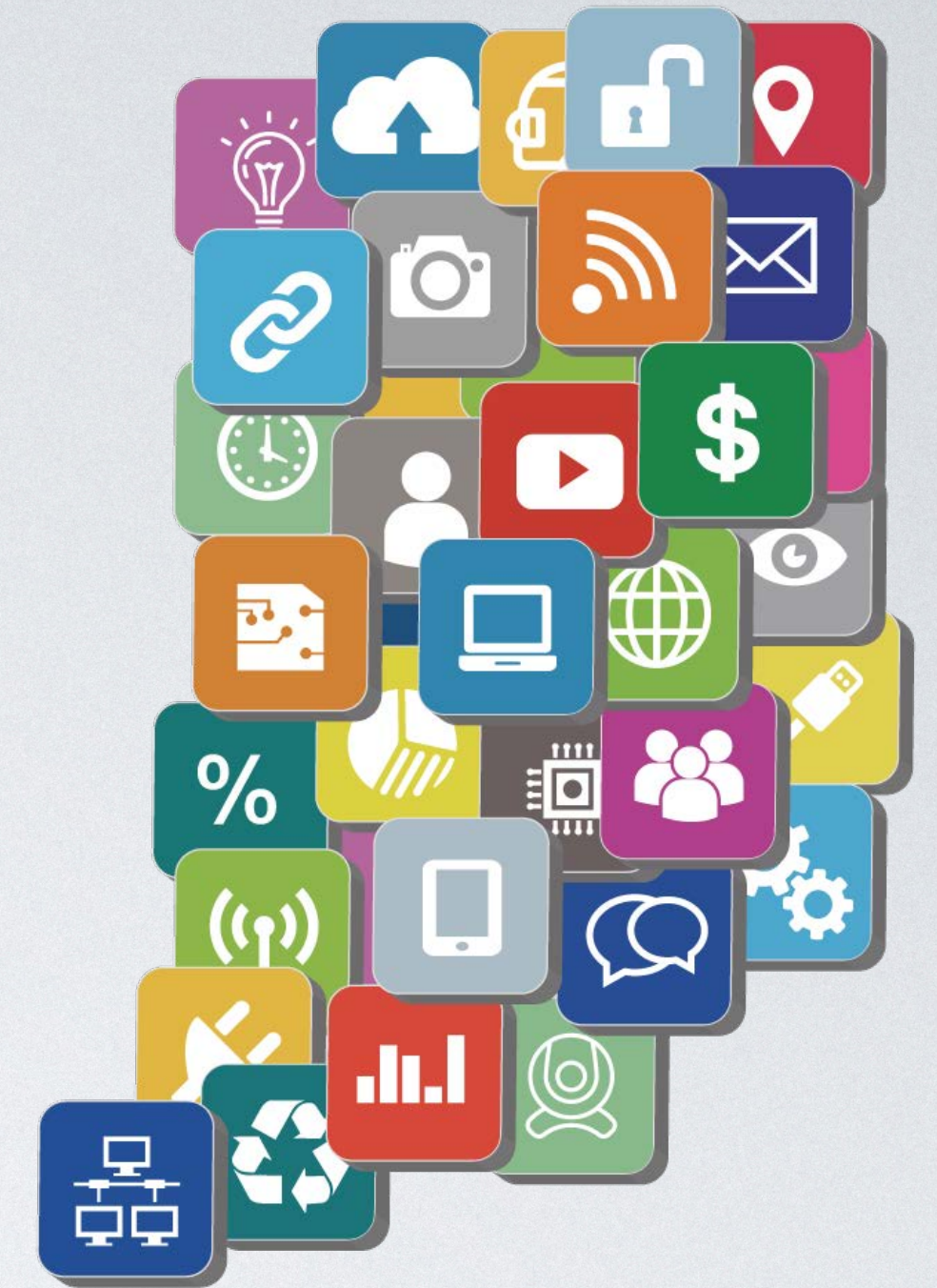
Teacher Built/Taught



Purchased/Taught

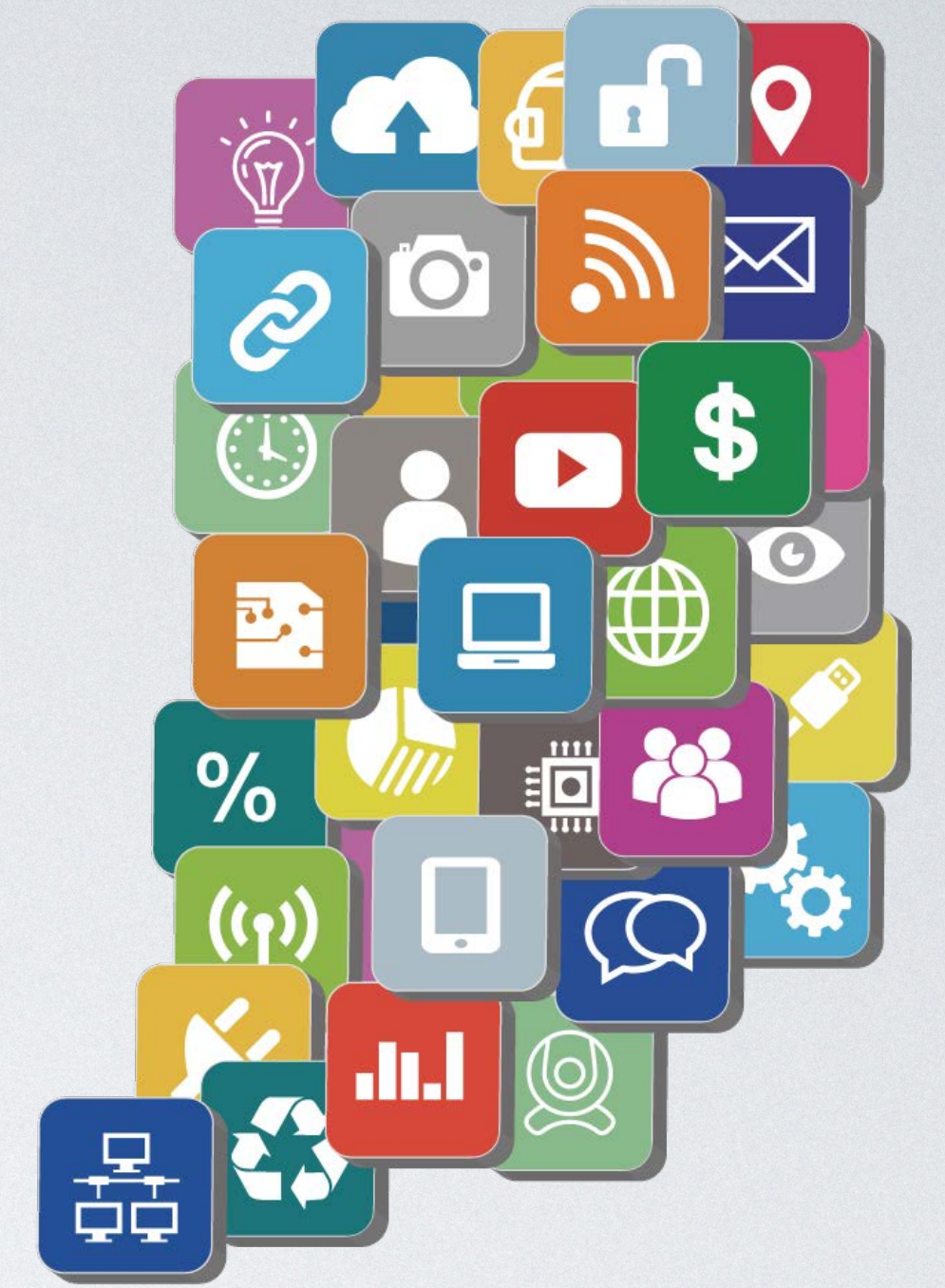
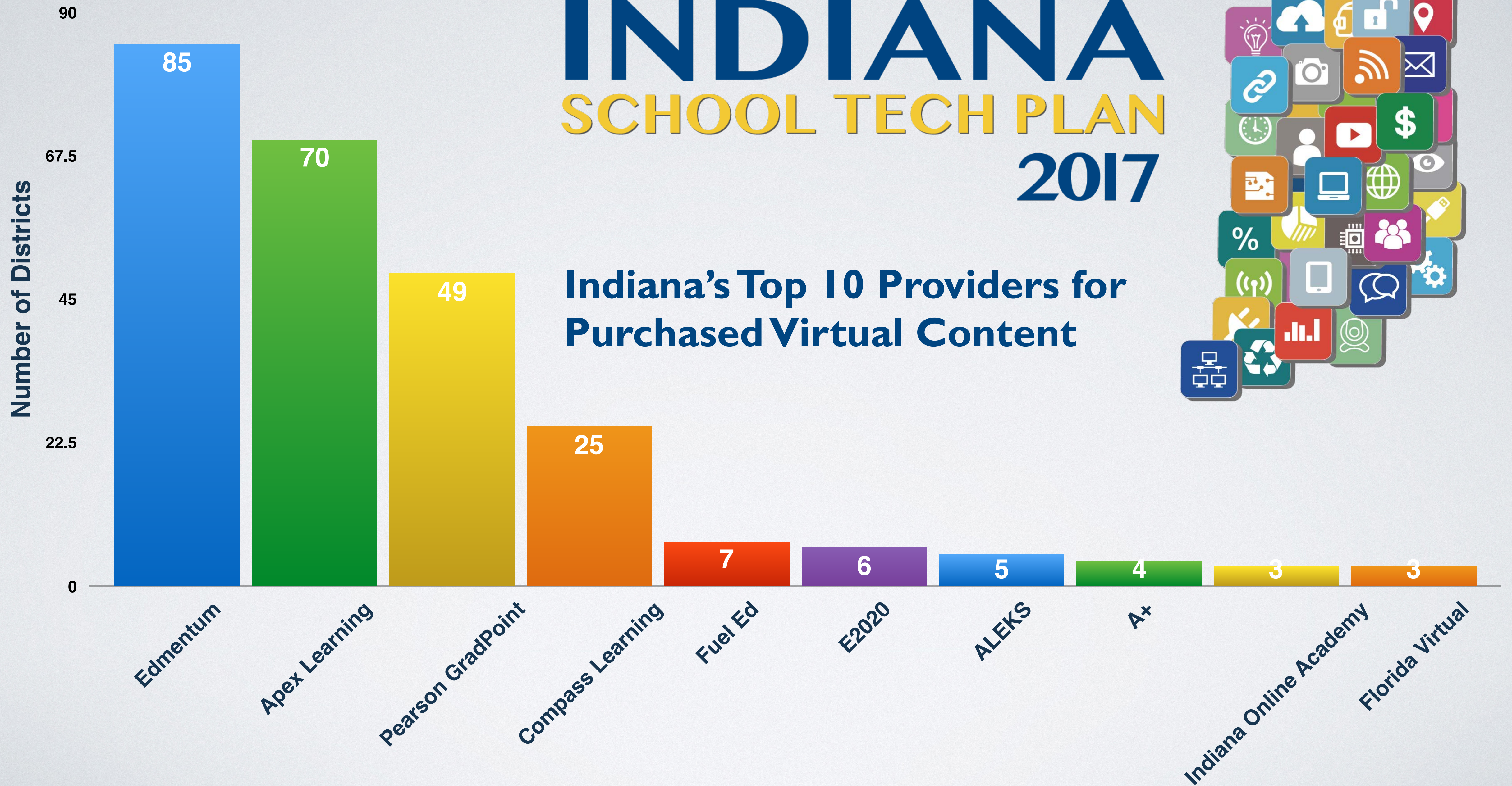


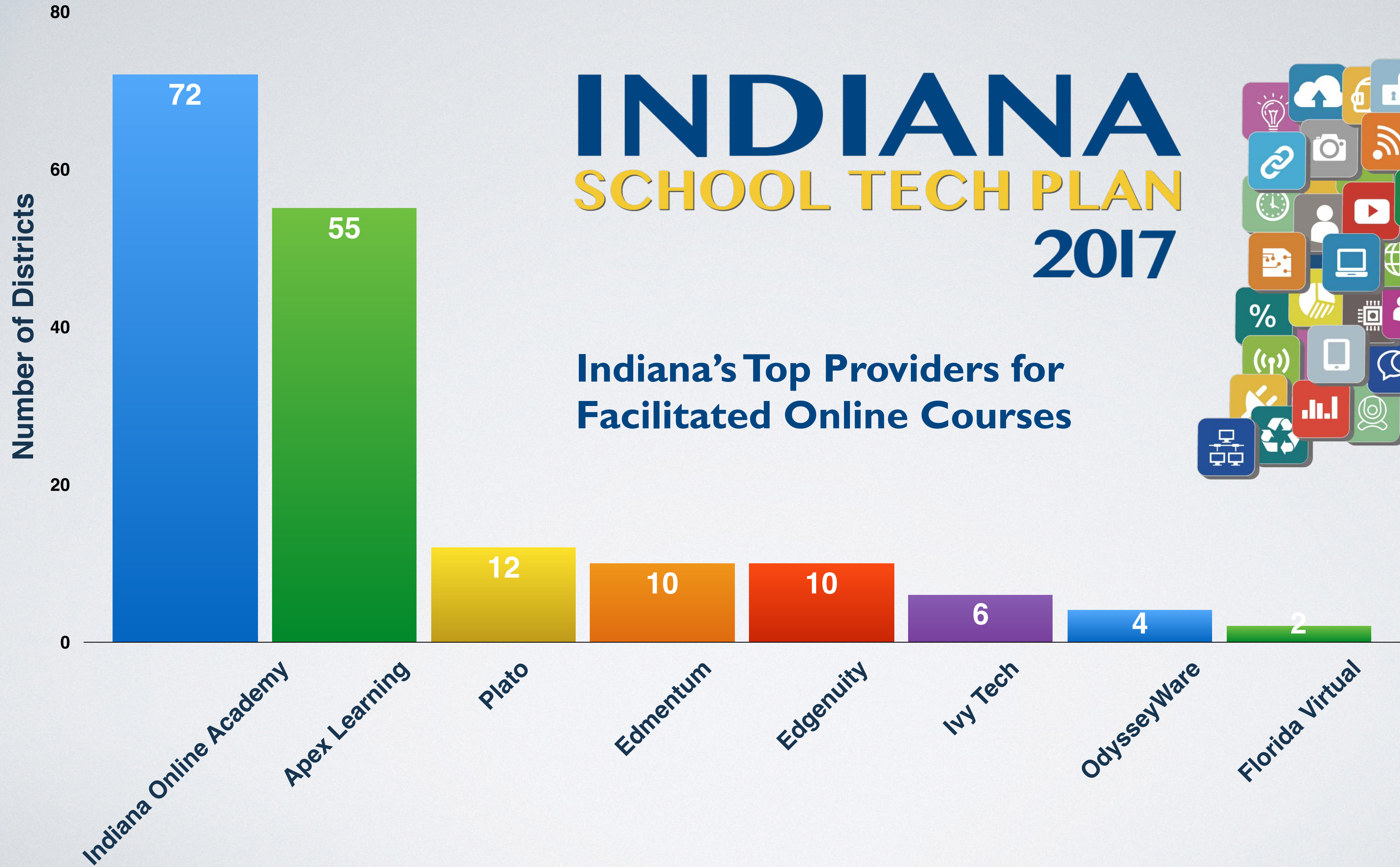
Facilitated Externally



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Indiana's Top 10 Providers for Purchased Virtual Content

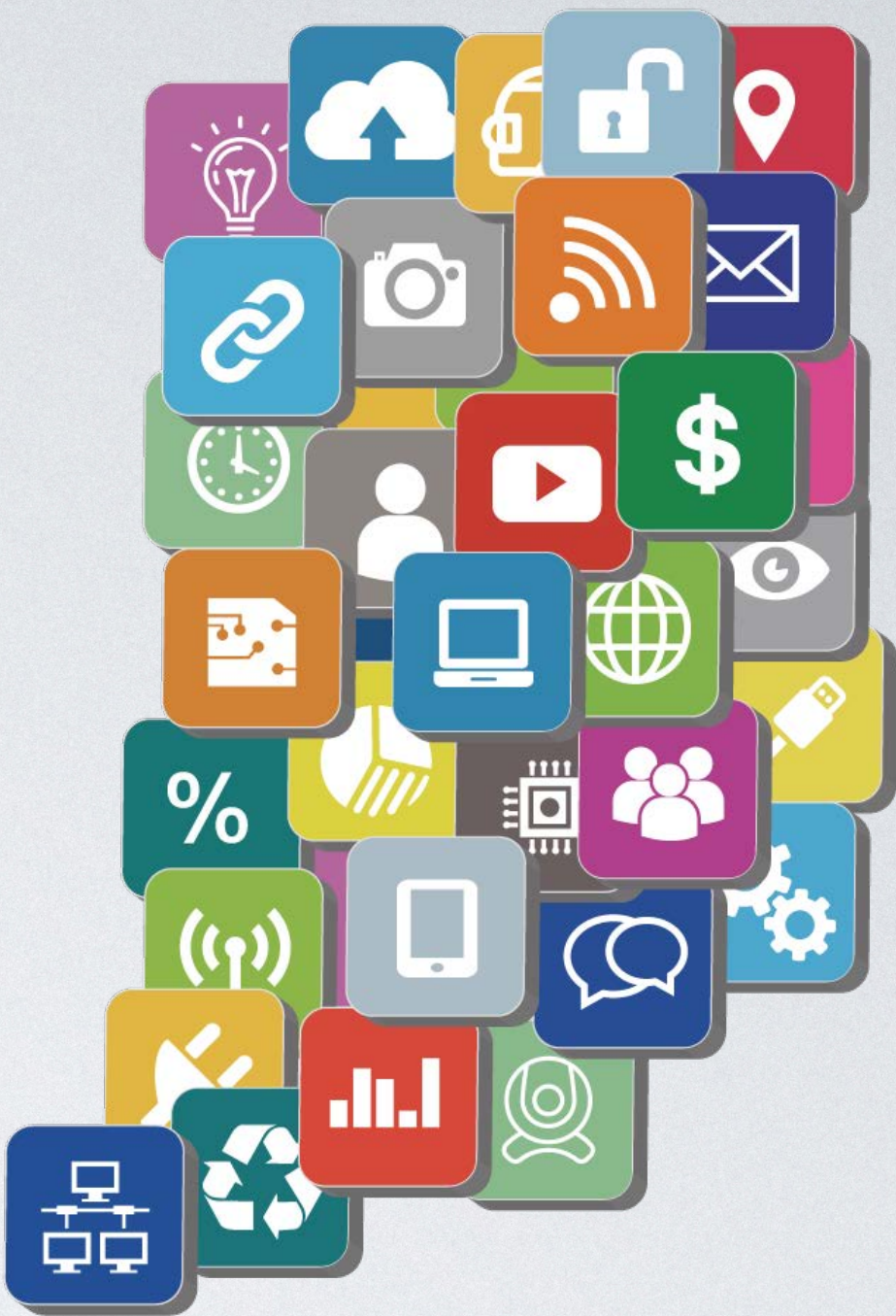




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Staffing

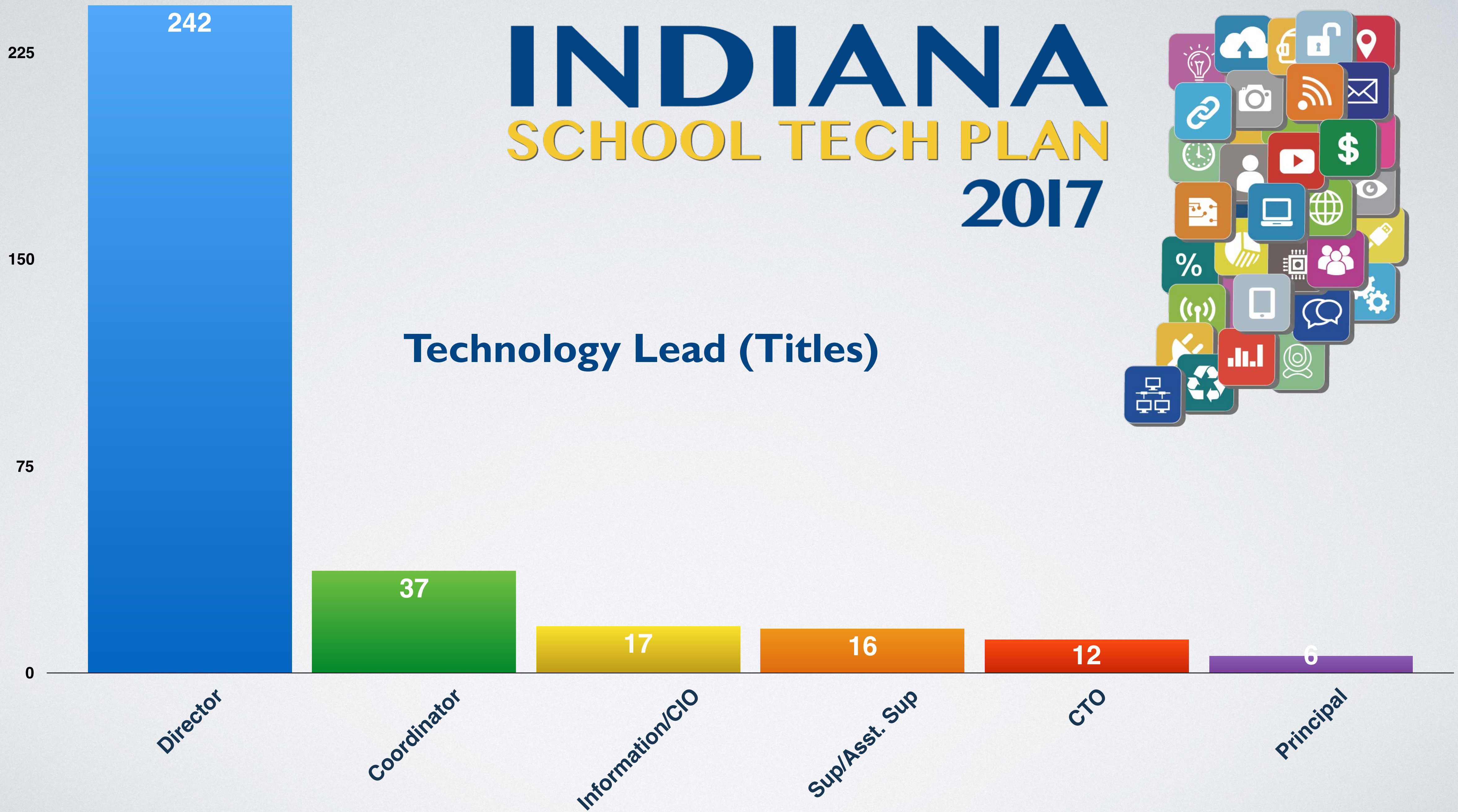
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Technology Lead (Titles)

Number of Positions



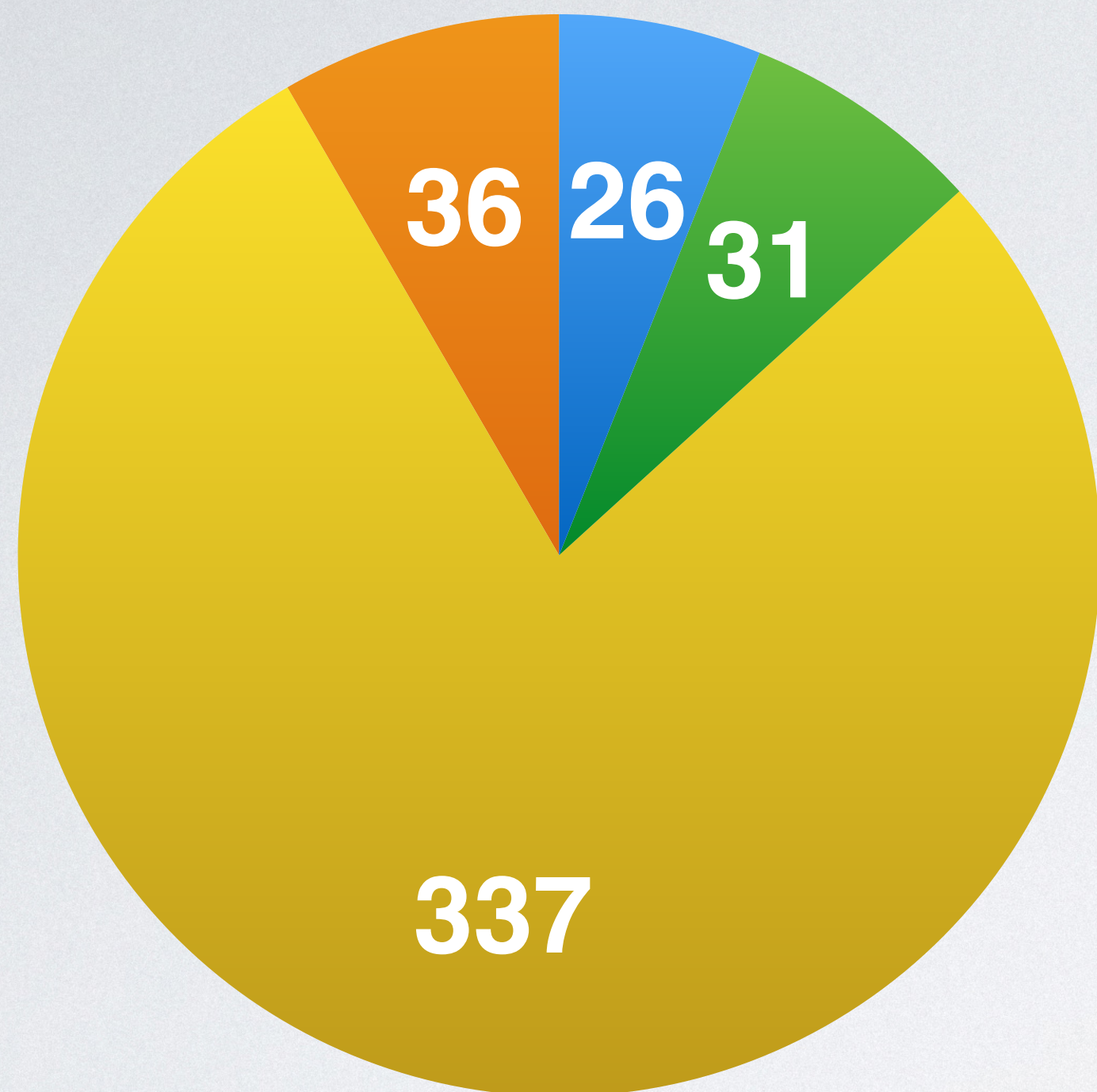
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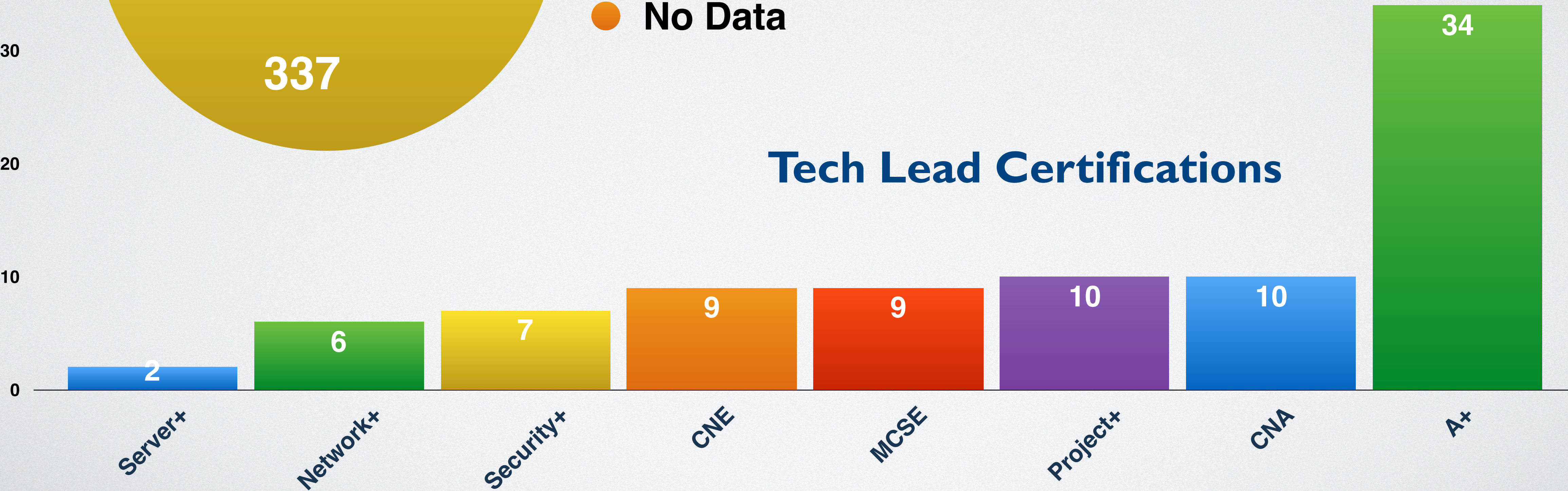
CoSN CETL

- Yes
- In Process
- No
- No Data



Tech Lead Certifications

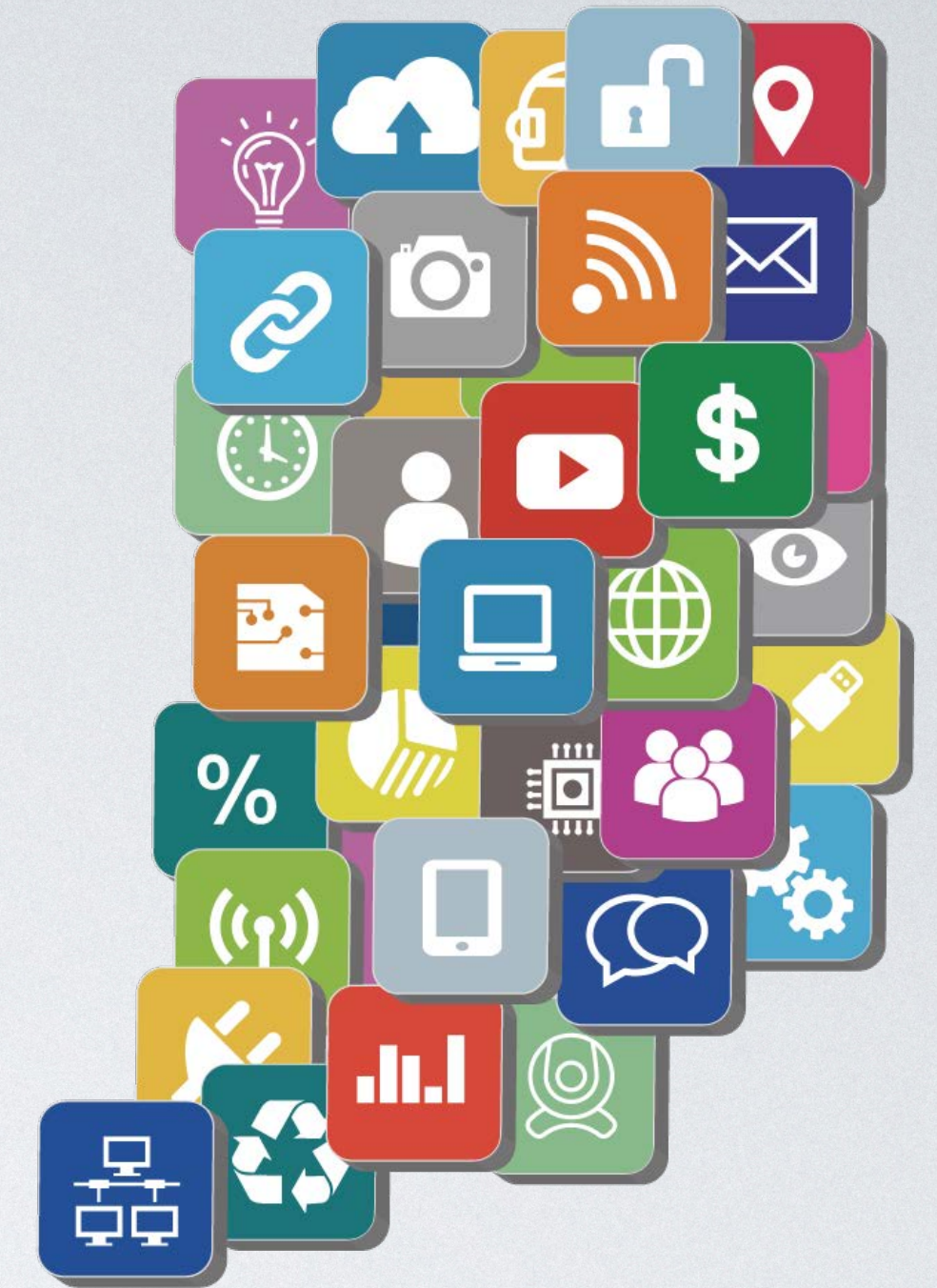
Number of Districts



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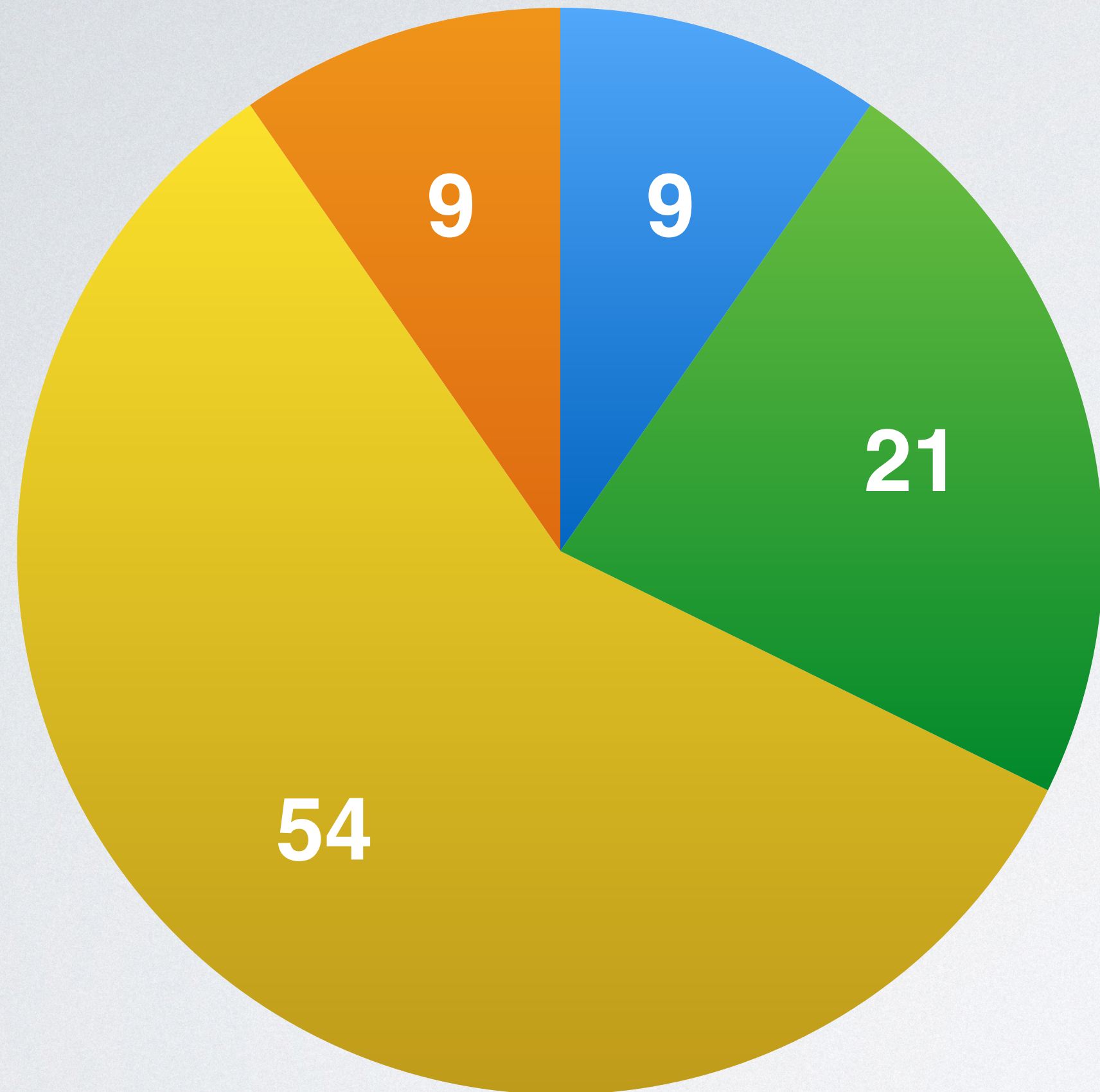
- 3-5
- 2-3
- 1-2
- 0-1

**Technicians (beyond the Technology Lead)
per 1,000 students/staff**

Average District Techs:

1.7 per 1,000 users (or 1 Tech for every 588 users)

Complete 1:1 Districts *

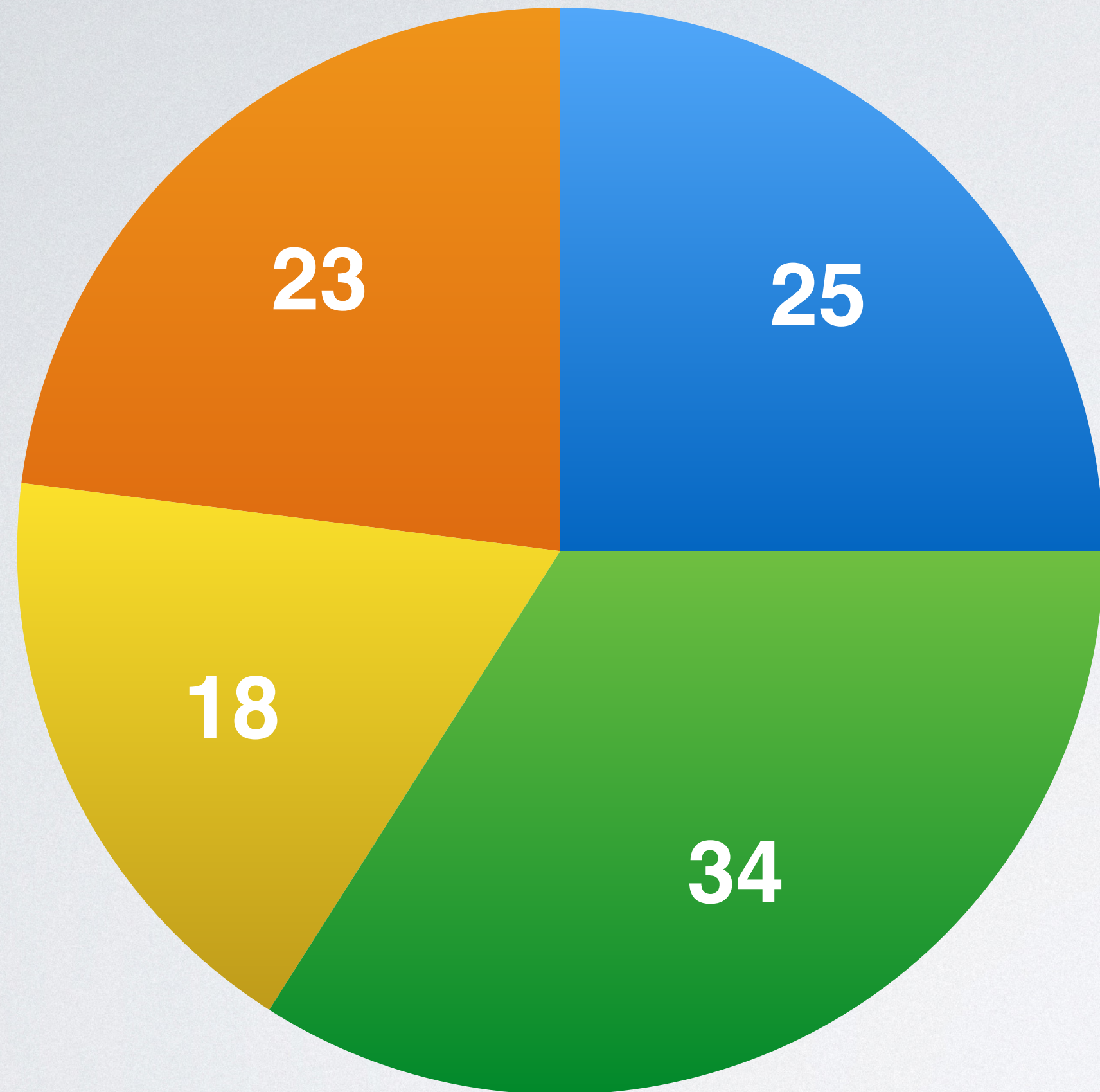
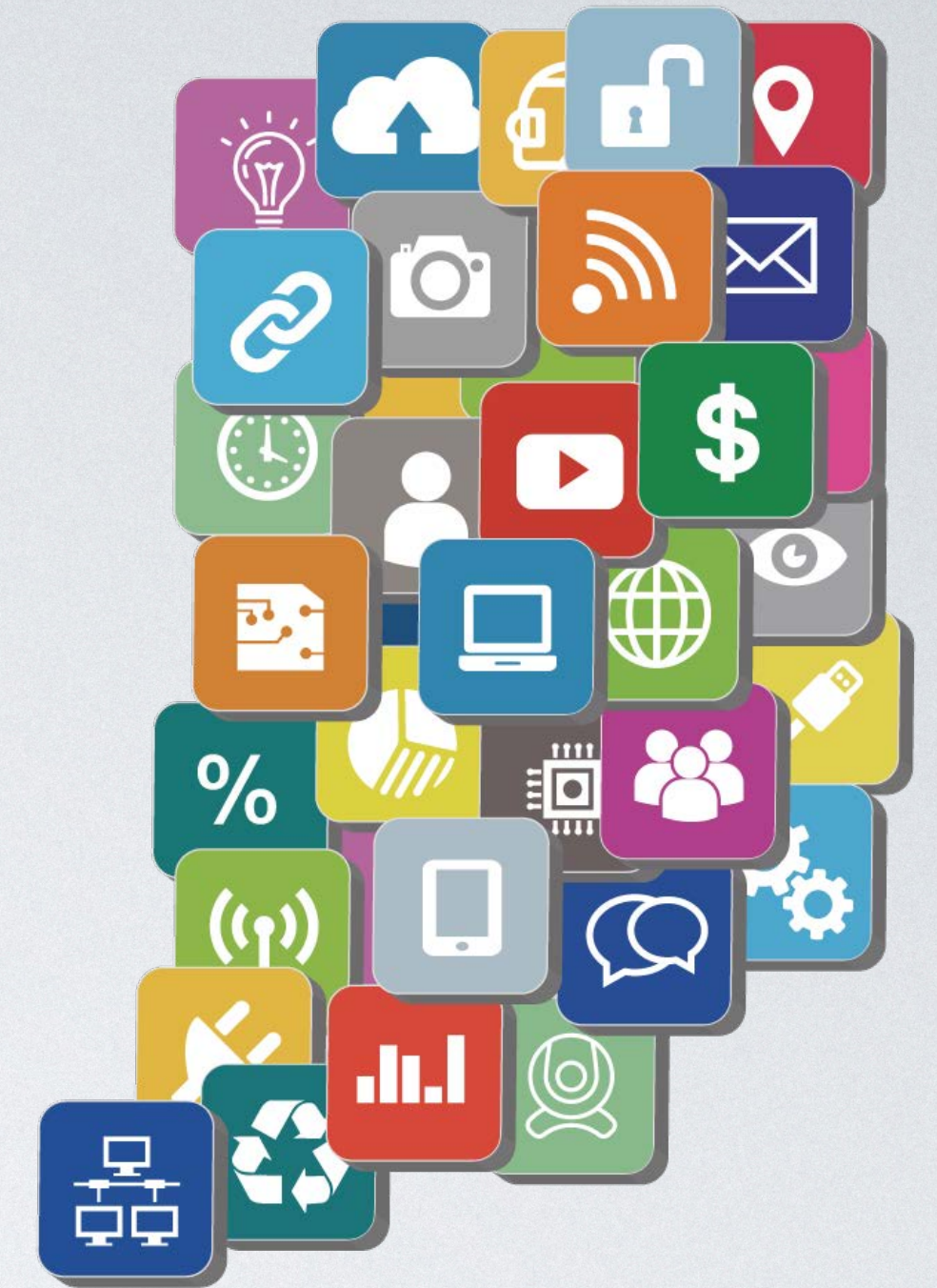


*Data represents 100 Indiana districts that are 1:1 at all levels (K-12), and have more than 500 total users

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- 1-3
- .5-1
- .1-.5
- 0

**Integration Coaches
per 1,000 students/staff**

Complete 1:1 Districts *

Average District Coaches:

.7 per 1,000 users (or 1 Coach for every 1433 users)

*Data represents 100 Indiana districts that are 1:1 at all levels (K-12), and have more than 500 total users



Platforms

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Collaboration & Productivity Platforms
of Districts using:

Google Apps for Education

297

Both

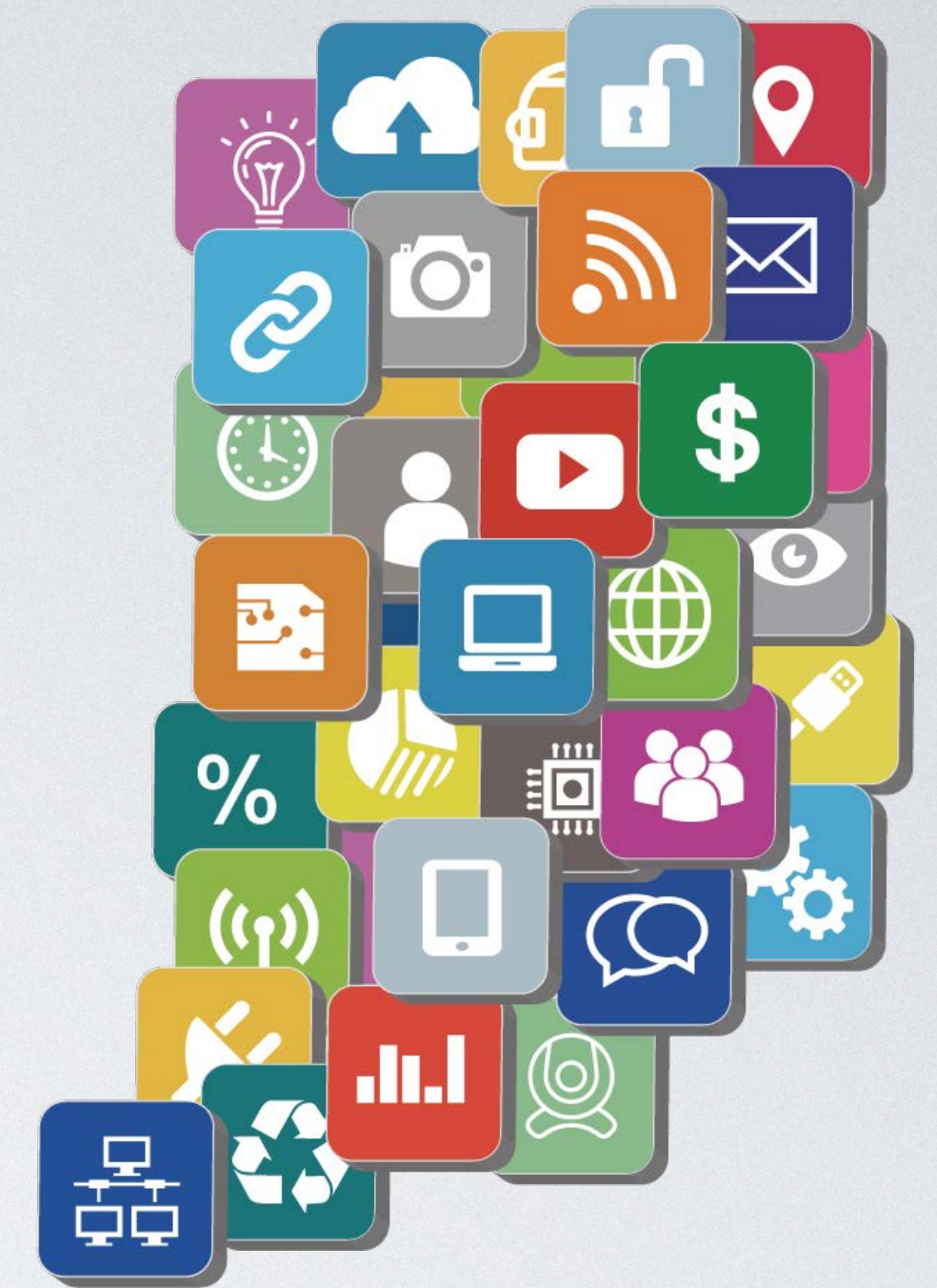
83

Microsoft 365

126

Neither

19



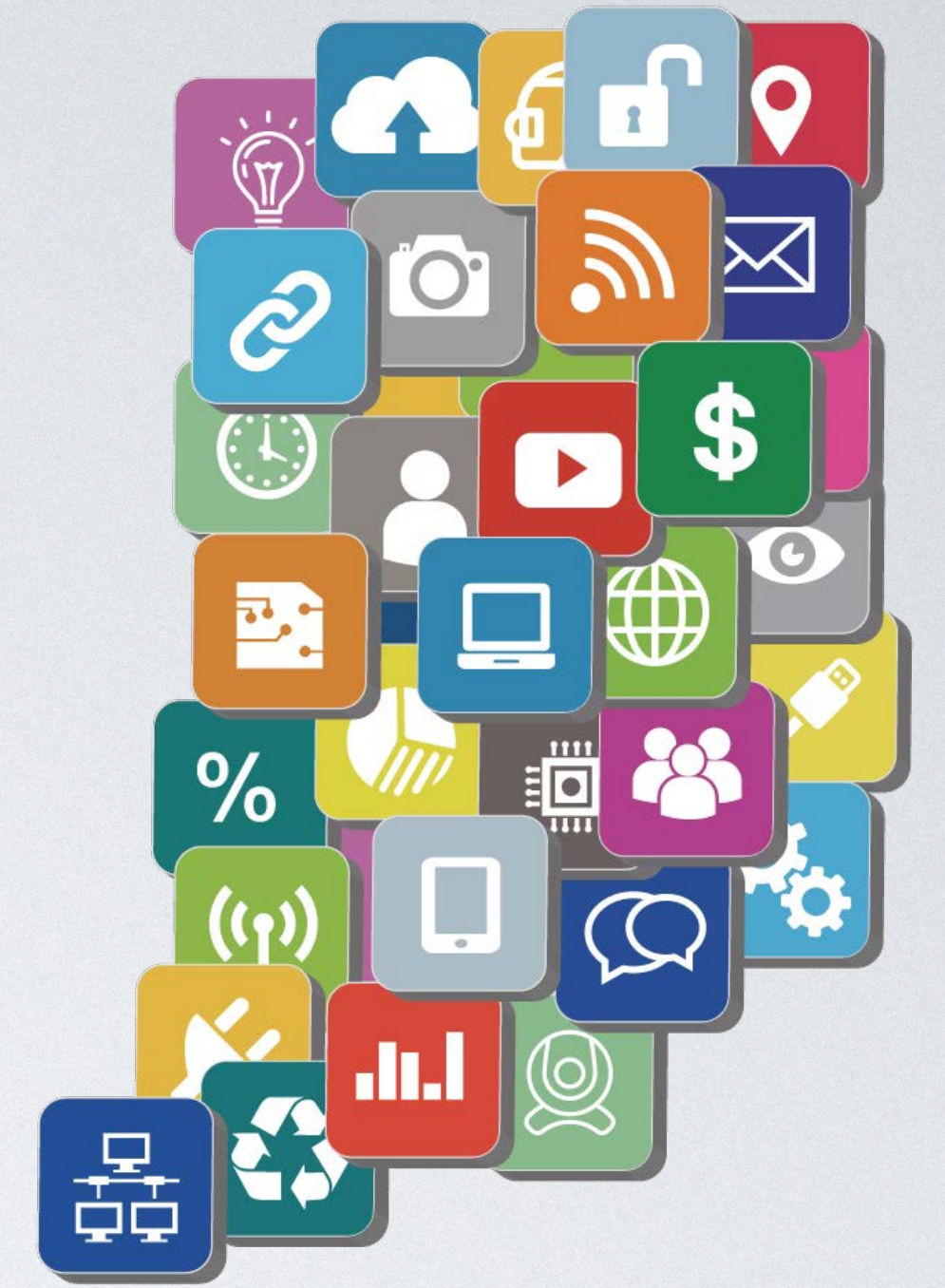
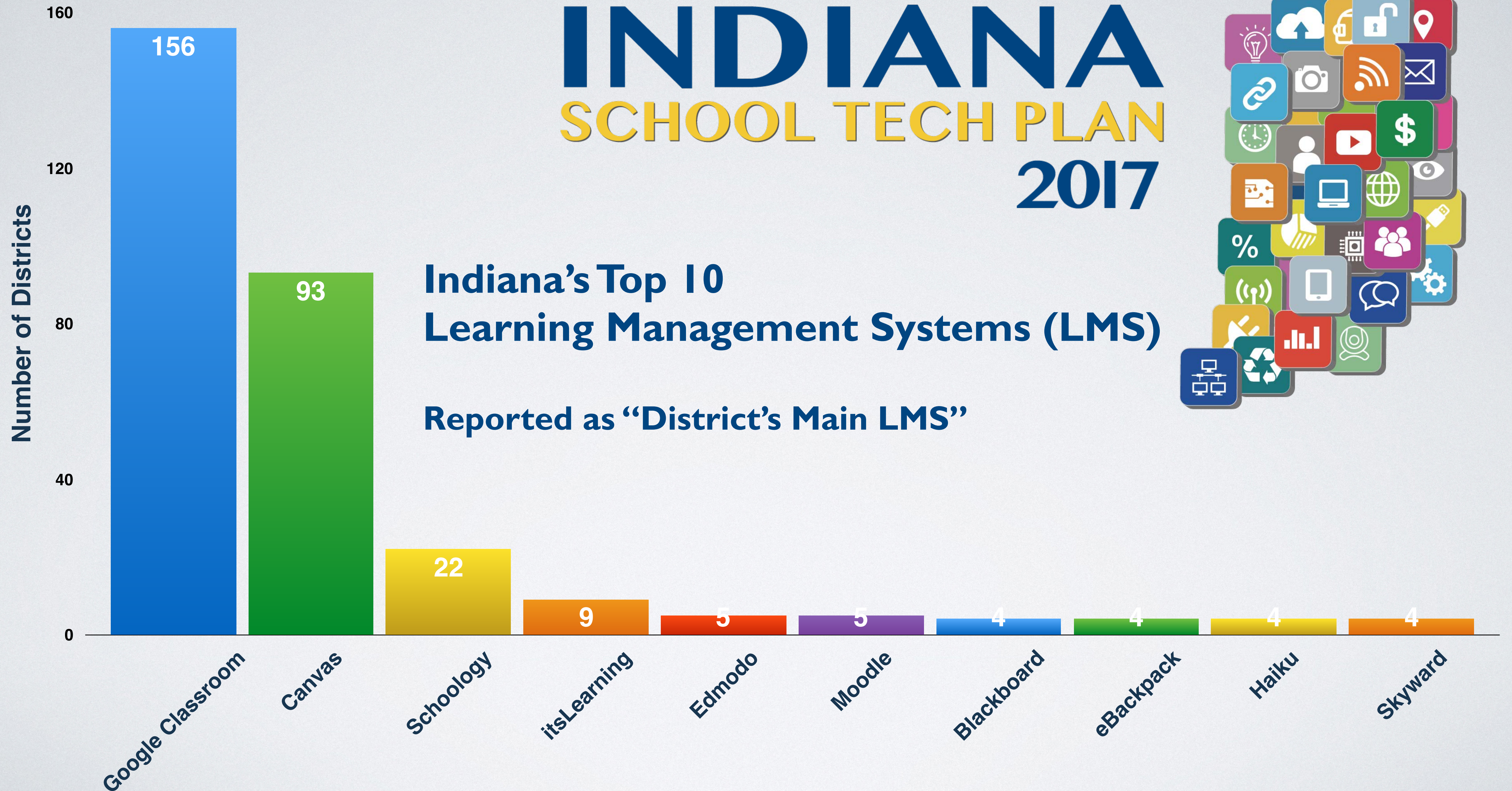
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Indiana's Top 10 Learning Management Systems (LMS)

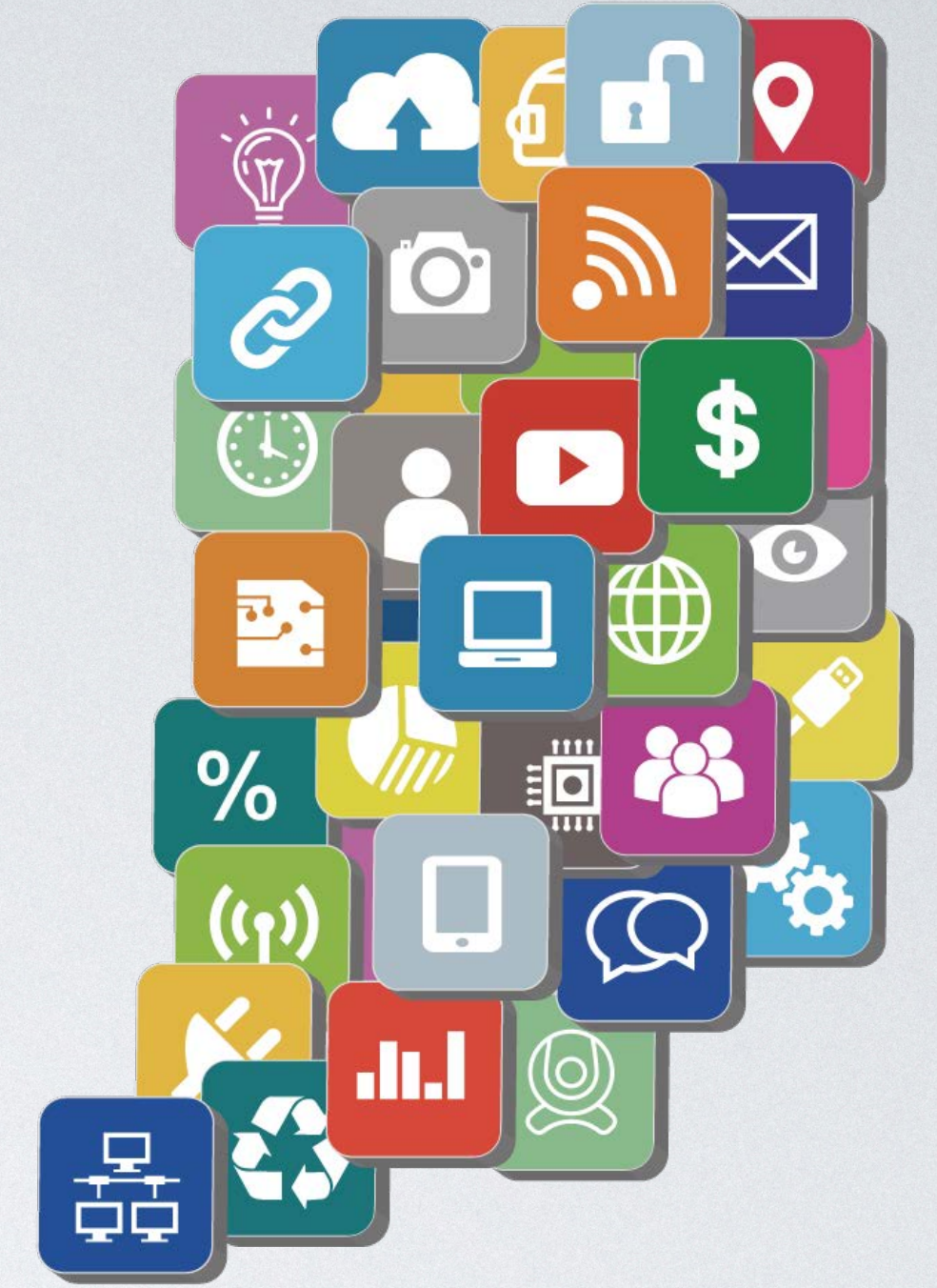
Reported as "District's Main LMS"



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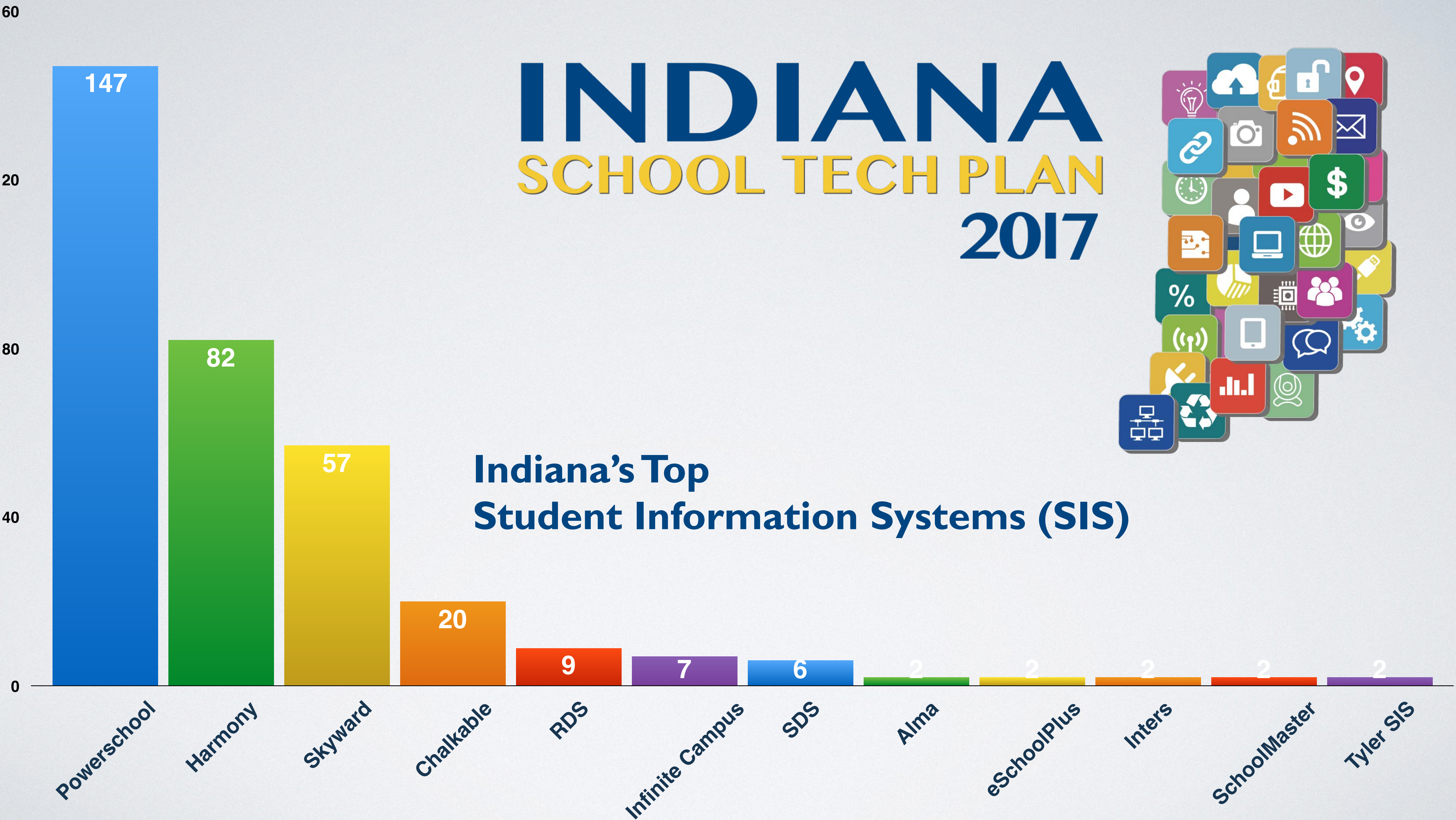
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Number of Districts

Indiana's Top Student Information Systems (SIS)





Digital Content



**Physical
Textbooks**



**Purchased Digital
Content**



**Teacher Created/Curated
Digital Content**

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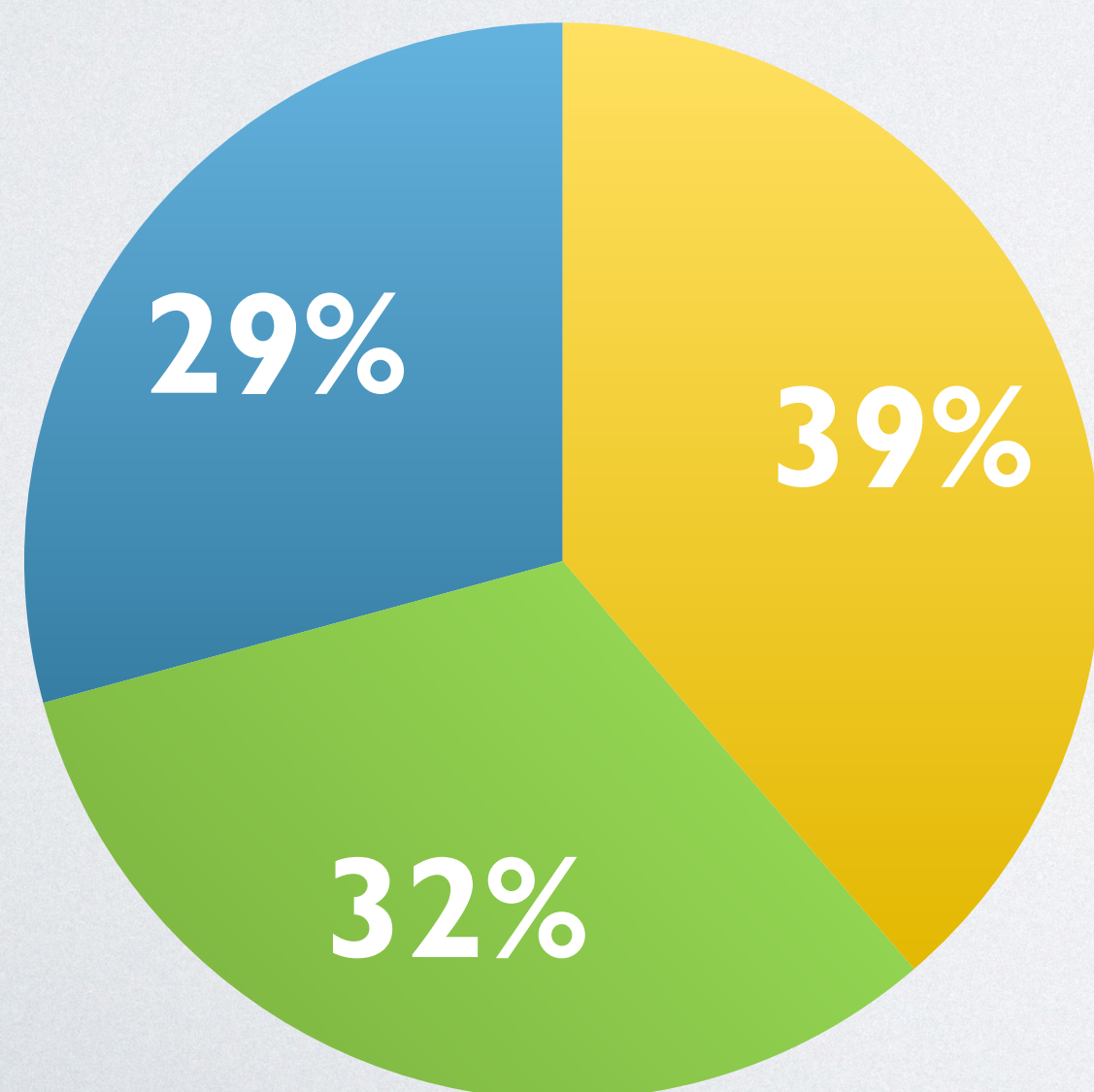
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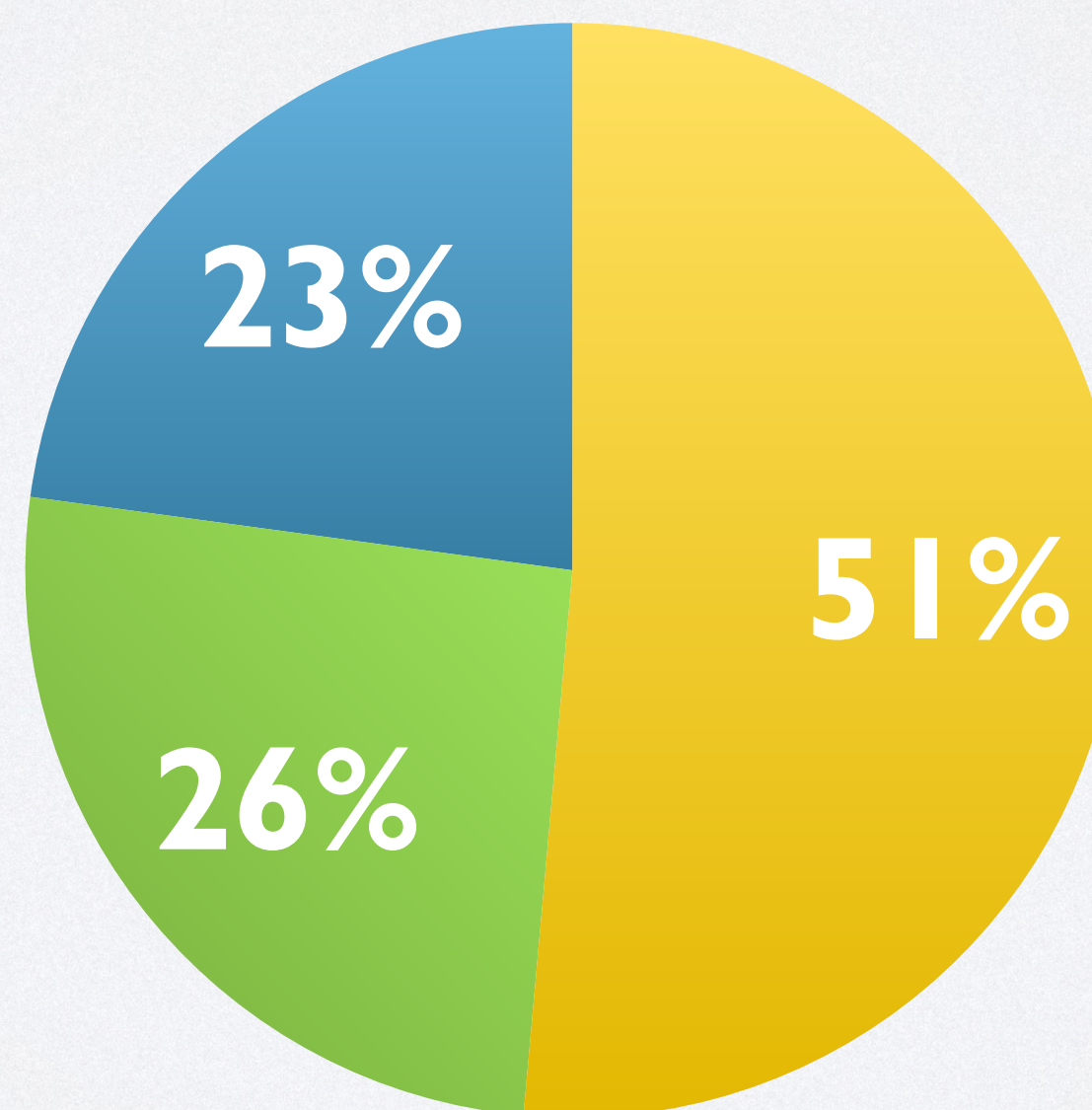


Content Estimates

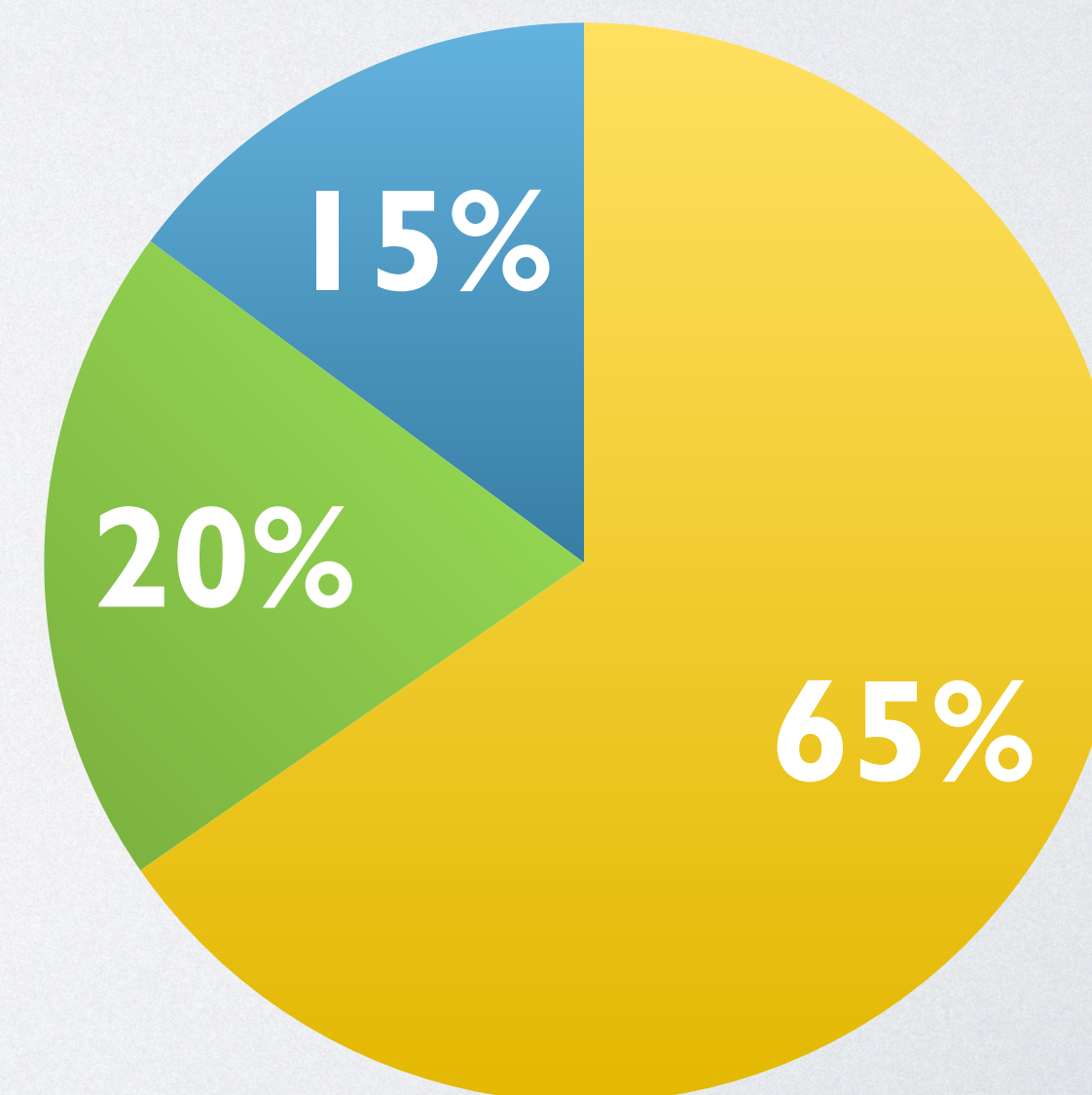
All 1:1



Partially 1:1



Not 1:1

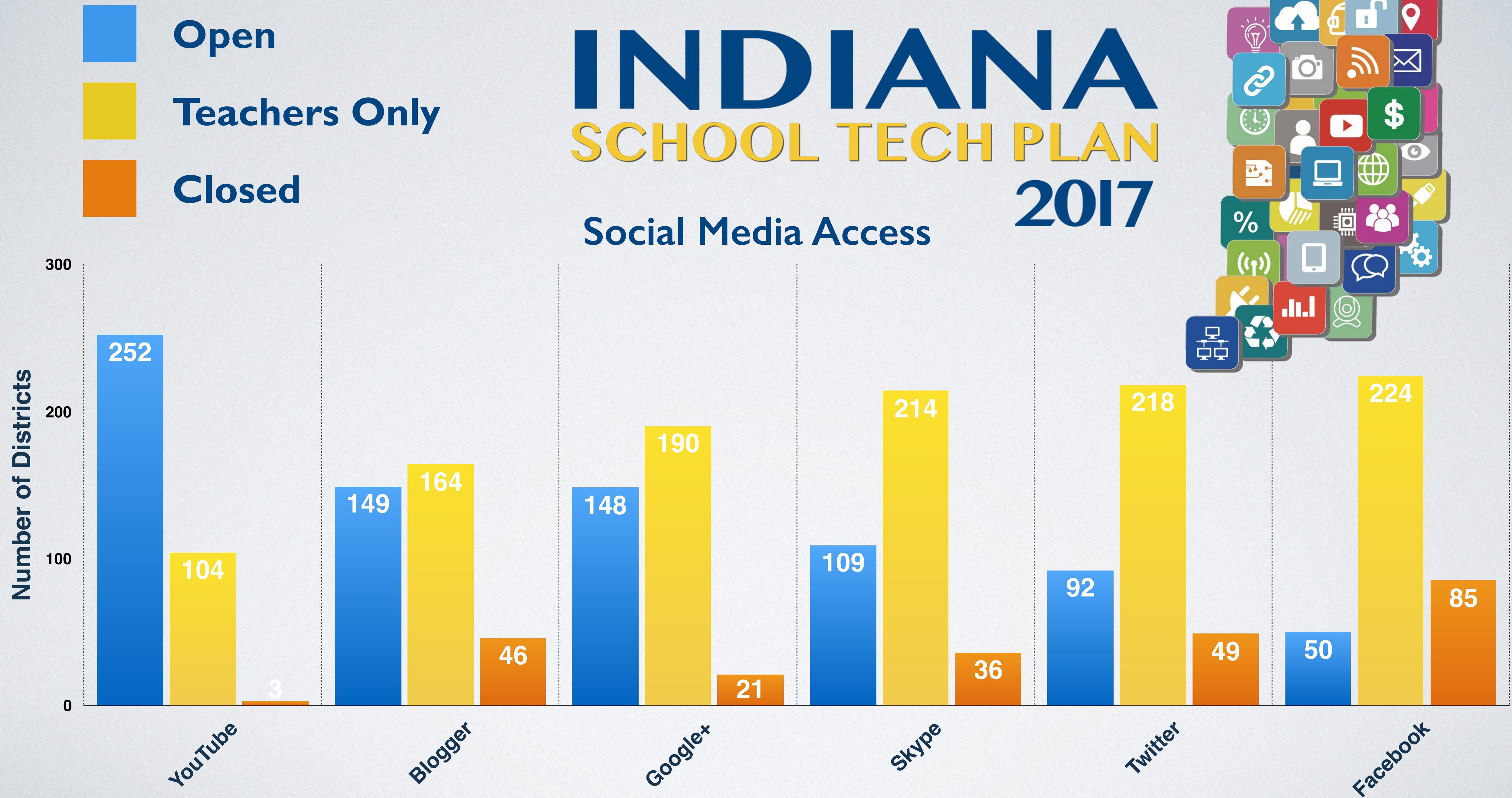




Social Media

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Social Media Access



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